

TOWNSVILLE ORCHID SOCIETY INC.



March 2018 Bulletin

Full contact details are on our website
<http://townsvilleorchidsociety.org.au>
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Annual Membership Fees are due **1st September** each year
 Family \$20.00 Pensioner Family \$10.00
 Single \$15.00 Pensioner Single/Junior \$7.50
 Country Family: \$10.00

Details for paying membership fees: BSB: - 064823
 Account Number: - 0009 0973
 Name of Account: Townsville Orchid Society Inc.
 Commonwealth Bank, Aitkenvale.

Are you currently un-financial? To remain a member of the Townsville Orchid Society Inc. and to continue to receive the TOS Bulletin, you MUST pay your annual membership.

Judges for March 2018:

<u>Veterans/ Open</u>	<u>Novice/ Species</u>
Charlie/Marie	Ted/Peter

<u>March</u>	
Jenny Siganto	3
Martin Dolan	3
Geraldine Nieva	14
June Cairns	15
John Johnson	20
Katrina Bowden	20
April Blair	23
Kerry Turner	27



<u>April</u>	
Mavis Papalexion	3
Isabella Lucke	7
Ruth Whiting	7
Mary Cooper	8
Eric Usher	12
Carl Osborne	14
Denise Lincoln	18
Gary Watt	20
Carolyn Gibson	20
Glenyce Greenwood	23
Wally Carlill	25
Peter Serra	25

PRESIDENT'S MESSAGE:

Yes, it rained at last. Hope you all enjoyed the wet weather while it lasted. Our friends in Ingham are not so happy with the outcome and we wish them well with the clean-up. Members of the Herbert River Orchid & Allied Plants Society are in discussion about their Field Day as this goes to press, and we will be able to give you the latest news about this event at our March Meeting on Sunday 25th.

I was hoping for the rain to ease as I had arranged for a complete gutter replacement on the house. All is well as it has been completed.

Please make sure you have added your name to the Autumn Show or Kitchen Rosters (helping out makes the job lighter for the regular workers) as April 13-15th will be upon us very shortly. Also please bring along all your flowering orchids for the Autumn Show (bring them to the hall on Thursday afternoon before 5pm) – they help to make a good show.

Welcome to our new Members. Please don't hesitate to ask questions – it is the only way to satisfy your curiosity about orchids and their maintenance. See you on the 25th.

Jean Nicholson

Bark Notice

The bark from South Australia will be available for payment and collection at this (March) meeting. Members are requested to collect their bark at this meeting because we need the storage space for the Autumn Orchid Show. Please bring the correct amount as we have limited change.

There is only 1 bag of medium bark still for sale.

Orders are being taken for the next pallet load. If you are interested put your name in the book at the Members' shop. Cost to TOS members \$32.00 per bag.

Minutes from the Management Committee Meeting held 23rd February, 2018

Meeting opened: 7:37pm by President Jean Nicholson

Present J Nicholson, R Scott, R Rasmussen, J Knowles, T Ruxton, P Lucke, C Lee, J Cairns, R Dundas, R Whiting

Apologies G Kelly, N Grant, S Cairns, L Johnson.

Visitors Nil

Minutes

Motion: That the minutes of the previous meeting be accepted as a true and correct record.

M: J Knowles S: T Ruxton Carried

Business arising:

Only 200 booklets were ordered from Bundaberg OS.

Correspondence

Newsletters: Ipswich, Orchids Australia (Feb), AOS Orchids (Jan, Feb), South Coast OC of SA, Gladstone, Childers, Australian Orchid Review (Feb/Mar), MacLean and District, Mackay, Nightcliff, Rockhampton,

Mail: Campbells Coaches - Ingham and Bowen Field Days - quotes, Harrisons and Australian Show Ribbons – quotes, Campbells Coaches - Rockhampton 2019 trip – quote, Bundaberg Orchid Society – Booklets order, Triple T – Booking tent for show \$200, Weightwatchers - Workflow for Dec/Jan \$850, Triple T- Community announcement for February, Cmobile - Phones invoice \$49.80, Townsville City Council - Rates \$2887.96, Philosophie Group - hall cleaning invoice Jan \$400, Bundaberg OS - Booklets + invoice \$437.90, Mick Schmidt - Information request on shade cloth, Alice's Orchids - Thank you for support, Townsville Garden Club - 2018 dates and cheque \$760, OrchidWiz - non arrival of disk, Australian Show Ribbons - Ribbons and invoice \$340.49, John Johnson - Bunnings ladies night, Townsville Garden Club - Vandalism and Gate lock, BioGro - bark order \$1033.29, Bowen Orchid AFS - Invitation to their field day 20May2018, AOS – voting, Orchids Queensland Inc - Trip to WOC23 in Taiwan, Queensland Country Credit Union - Membership fees transferred, Orchids Queensland Inc - Minutes 10Feb2018, TQOC - Minutes 21Oct2017 and agenda24Feb2018, N Grundon - Question re Phals. equestris and lobbii, Alice's Orchids - Unpaid invoice, cheque posted, Burleigh Park Orchid Nursery - Payment \$250, Heart Foundation - Community Speaker's Program, Show invitations to Old Peoples' Homes, Triple T- Community announcement for March and Show, Herbert River Orchid APS - Invite to their field day on 09April2018, Chris Dalrymple - Aust Orchid Conference in July 2018 update, Australia Post - Invoice for PO renewal \$191.00

New Member Applications: K Owens, R Sweeney, S and G MacKenzie, J and M Laffin, S Goodyear, B Simshauser
All of these applications were accepted.

Motion: That the inwards correspondence be accepted and the outwards adopted.

M: J Knowles S: R Dundas Carried

Business arising:

1. Resolved that the prices for bus and lunch at the Herbert River OAPS field day be \$25 for TOS members and \$35 for others.
2. Resolved that the prices for bus and lunch at the Bowen OS field day be \$30 for TOS members and \$35 for others.
3. Resolved that the Townsville Garden Club be advised that the gate chain organisation is to remain as is and that TOS has been advised by the Townsville City Council that parking is not permitted in the grassed park area.
4. J Knowles is to find the total weight of the pallet of SA bark.

J Nicholson reported that N Grant, librarian, requires someone to oversee the operation of the library at Sunday's meeting.

J Nicholson reported that G Kelly requested that the plant judging result's folders be left in the office for him to collect and collate after Sunday's meeting.

J Nicholson tabled the Atherton Show brochure

J Nicholson is to be TOS's representative at tomorrow's TQOC meeting.

Treasurer's Report

TOS available funds are healthy. Details are available at monthly meetings

Motion: That the treasurer's report be accepted and accounts be passed for payment

M: R Scott S: R Dundas Carried

Business arising: Nil

Vice Presidents Reports

Property (R Rasmussen):

1. The air conditioners are fixed and warranty claim accepted.
2. The air conditioners have also been serviced and outside units cleaned.
3. The safe is now operational.

Hospitality (R Dundas):

1. The kitchen and food rosters for the Autumn Orchid Show are ready to go.
2. Perlite for the shop is here.
3. The food processor has been purchased.
4. J Knowles to pass on information regarding the purchase and use of frozen scones.

General Business

1. P Lucke will explain the "first flowering" table.
2. Resolved that the agenda for the general meetings need to be prepared at least 2 meetings in advance, preferably year in advance.
3. Resolved that "How to correctly write orchid names" needs to be presented at a meeting.
4. J Knowles reported on R Hilder's escorted tour to Thailand in November, 2018.
5. J Knowles reported that Escape Travel is showing interest in planning a trip to the World Orchid Conference, March 2020 in Taiwan.

Meeting Closed 9:25pm

Jean Nicholson - President

Jeff Knowles - Secretary

2018 Autumn Show.

Our first Show for 2018 is rapidly approaching. The setting up of the Show will be on Thursday 12 April from 11am. Bring your plants (for Show and Sale) after 1pm please. If you are coming to assist in the set up, you are more than welcome to bring your plants with you then.

We are asking for all members' support both on the Roster and in the provision of plants to ensure that the display is up to standard. Please ensure that your plants are clean without bad markings or pest infection. Now is the time to begin prepping your plants to be sure that they are presented in the best condition. Thanks for your assistance.

Greg Kelly, Show Chairman

Growing Competition Plants for 2018.

Congratulations to the following "medal" winners from our February meeting. Our guest judges awarded the:

Gold medal to Tina,
Silver medal to Warren, and the
Bronze medal to Bruno.

The current plants are:

2183 *Vanda sanderiana* var. *albata*

2186 *Vanda* ((Varut Leopard x Dona Isabel Bosch) x V. (Viboon x Varut Fuchsia)) x V. Mungkud

2187 *Vanda* (Fuchs Harvest Moon x Jukkich Gold) x V. Suksamran Spots

Please bring your plants to the March meeting.

Jeff Knowles

Please add your name to the roster. If unable to attend as shown below, please try to find a replacement and inform Greg Kelly (Show Chairman). Thank you

TOWNSVILLE ORCHID SOCIETY INC.
SHOW DUTY ROSTER - AUTUMN SHOW, 2018
 Friday 13th April, Saturday 14th April, Sunday 15th April

Complimentary tea, coffee and plain biscuits are available throughout your rostered shift. Sandwiches are also supplied.

DATE and TIME	DOOR	RAFFLE	SHOW SECURITY and ENQUIRIES	CLOAKROOM ATTENDANT	CASHIER	ASSISTANT CASHIER	SALES SECURITIES and ENQUIRIES
FRIDAY 13 th April 9AM – 12 NOON	1. B Hughes	1. L Johnson	1. P Lucke	1. M Soper	1. R Rasmussen	1. R Whiting	1. T Phillips
			2. K Turner				
FRIDAY 13 th April 12 NOON – 3PM	1. B Hughes	1. N Bowler	1. A Knowles K Owens	1.	1. J Johnson	1. R Dundas	1. B Figuera
			2. W Sewell				
FRIDAY 13 th April 3PM – 5PM	1. B Hughes	1.	1. J Nuss		1. N Parker	1.	1.
SATURDAY 14 th April 9AM – 12 NOON	1. B Hughes	1. B Woodhouse	1. B Robinson	1. M Soper	1. J Johnson	1. R Dundas A Skinner	1. T Phillips
			2. J Nicholson				2. L Johnson
SATURDAY 14 th April 12 NOON – 3PM	1. B Hughes	1. B Sheret	1. N. Grant	1. P Valmadre	1.	1.	1. J Nicholson
			2.				
SATURDAY 14 th April 3PM – 5PM	1. R Rasmussen	1.	1.		1.	1.	1.
SUNDAY 15 th April 9AM – 11.30AM	1. G Hilder	1. N Bowler	1. K Turner	1. M Soper	1. J Johnson	1. N Parker A Skinner	1. C Truscott
			2. R Hilder				2. L Johnson
SUNDAY 15 th April 11.30AM – 2PM	1. R Dundas	1. R Whiting	1. J Nuss		1.	1.	1. C Osborne

ADD NAME IF A SALES TABLE IS REQUIRED: 1: Prefer hanging space: TOS Members, R Hilder, N. Grant
2: No preference with hanging space: TOS Members, R Dundas, A Hughes, W Sewell, C Truscott, P Lucke, J Nuss, K Owens, P Valmadre, J Nicholson, R Whiting (1/2), B Robinson,

Minutes from the General Meeting held 25th February, 2018

Meeting opened: 1:13pm, President Jean Nicholson in the chair

Present 54 as per attendance book.

Apologies 6 as per attendance book

Visitors Val Knight, Joanne Drew, Amy Venn, Julie Horn, Sid Goodyear, Barry Woodhouse, Ann Richards, David Hall, Christine Chaontler, Kevin Owens.

Minutes

Motion: That the minutes of the previous meeting be accepted as a true and correct record

M: J Knowles S: R Dundas Carried

Business arising: Nil

Correspondence

No new correspondence has been processed since the Management Committee meeting on Friday night.

Business arising:

1. The TOS bus trip to Ingham field day on 08th April, 2018 is a goer. The booking sheet is on the information table.
2. The TOS trip to Rockhampton in September, 2019 is a goer, as indicated by a show of hands.
3. South Australian Bark has been ordered.
4. The TOS bus trip to Bowen Field Day on 20th May 2018 is a goer. Seats can be booked from the March meeting.
5. Orchids Queensland is circulating information on trips to the World Orchid Conference 2020 in Taiwan.
6. J Knowles is in discussions with Escape Travel, Townsville regarding a trip to the World Orchid Conference in Taiwan in March, 2020.
7. We have had a request for information for suppliers of quality hybrids *involving Phal. equestris* and *Phal. lobbii*. Can anyone help?

Treasurer's Report

TOS available funds are healthy. Details are available at monthly meetings.

Motion: That the treasurer's report be accepted and accounts be passed for payment.

M: R Scott S: K Turner Carried

Business arising:

- The report was an updated report to that presented at the Management Committee Meeting on Friday night.

General Business

1. Information on the Atherton Show was presented.
2. T Boon reported on the TQOC meeting held yesterday. This included conference rescheduling and raffles.
3. J Knowles presented information on the forthcoming Autumn Show (12 -15 April, 2018) with the show and kitchen rosters, and food list on the information table.
4. New members Sid Goodyear, Kevin Owens, Rob Sweeney and Bev Simshauser were welcomed into the Society and presented with their welcome packs and growing competition plants.

Meeting Closed 1:46pm

Jean Nicholson - President

Jeff Knowles - Secretary

Finding an orchid name.

Recently I won a plant in the raffle. It was named Blc Chai Lin x Tubtim Siam. I later checked to see if the cross was named on Orchidwiz. There was no record of Tubtim Siam. I searched further on Orchidwiz but failed to find a plant to match Tubtim Siam. I repotted the plant and put it in the greenhouse. Recently I found that the plant had thrown a new growth which was big compared to the size of the plant.

I went back to the computer and made a number of partial searches and found the plant Rlc Tubtim Sayam. Further checks revealed that this plant was also known as Tabtim Sayam but the correct name was Rlc Tab Tim Sayam. This plant crossed with Rlc Chai Lin results in the orchid being named Rlc Petch Tha Cheen which was registered in 2012.

I had presumed that the word Siam was correct and Tubtim was not. It seems both were wrong. Now I have a correctly named plant (thanks to OrchidWiz) which is growing very well.

Greg Kelly

Tabled Plants for February 2018.

Bold Type indicates a correction using Orchidwiz.

<u>VETERANS</u> PHRAGMIPEDIUM	1 st 2 nd 3 rd	Phrag Praying Sergeant	J Nicholson
CATTLEYA 115mm and over	1 st 2 nd 3 rd	C Laura Thayer 'Red Velvet' Rlc Tianan Gold x Rlc Ploenpit Gold Delight Rlc Karen's Sunrise 'Waianae'	B Fighera B Fighera B Fighera
CATTLEYA 74mm to 114mm	1 st 2 nd 3 rd	C Aloha Case 'Hawaiian Style' Rlc Destiny Dixon	W&C Sewell P&J Lucke
CATTLEYA Any other Hybrid	1 st 2 nd 3 rd	Bc Hippodamia 'Hanubu' Bc Unknown	W&C Sewell C Lee
VANDACEOUS Aranda – Mokara	1 st 2 nd 3 rd	V Madame Panni (Genus listed on tag – there is also Aranda Madame Panni)	C Lee
DENDROBIUM Phalaenanthe	1 st 2 nd 3 rd	D Unknown D Polar Queen x D Sister Ann Maree	W&C Sewell J&A Knowles
DENDROBIUM Intermediate	1 st 2 nd 3 rd	D Chao Praya x <i>D tangerinum</i>	J Nicholson
DENDROBIUM Spathulata	1 st 2 nd 3 rd	D Seletar Blue Lips x D Isabel Zhong-Yan Choo D Juleen High (<i>D johannis</i> x <i>lasianthera</i>)	B Fighera J Nicholson
<u>OPEN</u> CATTLEYA 74mm to 114 mm	1 st 2 nd 3 rd	Cty Burdekin Honey 'Shona' C Mari's Song x Pot Nonburi Fa (Nonburi not on Orchidwiz) Rth Qing Ming Beauty	R&E Dundas R Whiting Cairns Family
CATTLEYA Any Other	1 st 2 nd 3 rd	Bc Blue Korat (Not on Orchidwiz) Bc Starfire (Bc Keowee x B nodosa) C Chocolate Drop x Bc Richard Mueller	R Whiting R&E Dundas R&E Dundas
DENDROBIUM Phalaenanthe	1 st 2 nd 3 rd	D Airy Crimson D Mary Poppins	R&E Dundas R Whiting
DENDROBIUM Intermediate	1 st 2 nd 3 rd	D Aree Dang Light Blue (Not on Orchidwiz) D Genting Red (Not or Orchidwiz) D Jade Valmadare 'Clifton Beach'	K Turner R&E Dundas Cairns Family
DENDROBIUM Any Other Hybrid	1 st 2 nd 3 rd	D Anching Lubag x <i>cochlioides</i> x <i>canaliculatum</i> green D Nora Tokunaga	K Turner R&E Dundas
VANDACEOUS Miscellaneous	1 st 2 nd 3 rd	V Dorothy Bennett (V YipSum Wah x Bangkok Blue) V Kulwadee Fragrance #27 Van Pine Rivers	Cairns Family Cairns Family Cairns Family
PHALAEOPSIS	1 st 2 nd 3 rd	Phal Tai-Kau Rose Dtps Fire Cracker 'Mulgrave'	Cairns Family J Bewert
ONCIDIUM	1 st	Gom Alosuka	R Whiting
ONCIDIUM Brassia	1 st 2 nd 3 rd	Milt Charles M Fitch Milt Unknown Milt Shelob 'Tolken'	R&E Dundas R&E Dundas R&E Dundas
<u>NOVICE</u> CATTLEYA	1 st 2 nd	Bct Empress Worsley 'Roman Holiday' Blc Sunnaphum Magic (Not on Orchidwiz)	K&L Wedel R Sweeney
DENDROBIUM	1 st 2 nd 3 rd	D Emma Happy D Carron Deb 'Clifton' D Dragon Five	B Hughes B Hughes B Hughes

DENDROBIUM	1 st 2 nd 3 rd	D Aridang Green D Burana Emaron 'Gold' (Possibly Burana Emerald) D Woo Leng 'Red Lip'	B Hughes R Sweeney B Hughes
VANDACEOUS	1 st 2 nd 3 rd	V Kulwadee Fragrance V Herbert Kurri Hurra (Probably Van Herbert Kurihara) V unknown	B Hughes B Hughes C Watt
ONCIDIUM	1 st	Odcdm Everglades Elegance 'Nancy Lee'	B Hughes
SPECIES CATTLEYA ALLIANCE	1 st 2 nd 3 rd	<i>B nodosa</i> <i>Epi cochleata</i>	J Nicholson J Nicholson
VANDACEOUS	1 st 2 nd 3 rd	<i>V tessellata</i>	T Phillips
DENDROBIUM Aust. Hybrid	1 st 2 nd 3 rd	<i>D superbiens</i>	J&A Knowles
DENDROBIUM	1 st 2 nd 3 rd	<i>D strebloceras</i> <i>D strebloceras</i>	P&J Lucke P&J Lucke
DENDROBIUM Australian Native Species	1 st 2 nd 3 rd	<i>D bigibbum</i>	P&J Lucke
MISCELLANEOUS 1	1 st 2 nd 3 rd	<i>Paph leucochilum</i> <i>Ctism pileatum</i> <i>Neobenthamia gracilis</i>	P&J Lucke P&J Lucke unknown
MISCELLANEOUS 2	1 st 2 nd 3 rd	<i>Milt spectabilis var moreliana</i> Sonta <i>Milt moreliana</i>	B Figuera J Nicholson
FIRST FLOWERING	1 st 2 nd 3 rd	<i>Ctism fimbriatum</i> <i>Phal equestris</i>	T Phillips R&E Dundas
POPULAR VOTE VETERANS	1 st 2 nd 3 rd	C Aloha Case D Unknown V Madam Panni	W&C Sewell W&C Sewell C Lee
OPEN	1 st 2 nd 3 rd	Miltonia Yellow and Pink Lip D Airy Crimson D Aree Dang Light Blue	R&E Dundas R&E Dundas L Turner
NOVICE	1 st 2 nd 3 rd	Onc. Everglades Elegance V Kulwadee Fragrance D Emma Happy	B Hughes B Hughes B Hughes
SPECIES	1 st 2 nd 3 rd	<i>Ctism pileatum</i> <i>Epi cochleatum</i> <i>V tessellata</i>	P&J Lucke J Nicholson T Phillips
FIRST FLOWERING	1 st 2 nd 3 rd	<i>Ctism fimbriatum</i> <i>Phal equestris</i>	T Phillips R&E Dundas

REGISTRAR'S CHOICE

Hybrids /Novice: V. Kulwadee Fragrance – Bill Hughes 80 points

Species: *Milt. spectabilis var mMoreliana* Sonta – Bruno Figuera 79 points



REGISTRAR'S CHOICE

Species:

Miltonia moreliana

Bruno Figuera



REGISTRAR'S CHOICE

Hybrids & Novice

V. Kulwadee Fragrance

Bill Hughes

“to Grow or not to Grow”

How often have we stared at our beloved and diverse orchid collection and pondered this same question?

We water them (sometimes in Townsville anyway), shade them, fertilise them, re-pot them, spray them with a myriad of chemicals. and – I have known plants that have been pampered with a dose of classical music, and “heaven forbid” the odd profanity gets sent in their direction. We do this in a variety of ways as we attempt to grow and flower our orchids to their best.

But - is there something missing? Is there something we should concentrate on right from the start? Consider the following:

New arrivals there certainly were, — the collections of Warszewicz, for example, - but these were almost entirely formed in *cool* districts, and therefore perished under *hot* treatment nearly as rapidly as they were received. So great, indeed, was supposed to be the difficulty of succeeding with plants of this description, that collectors declined to purchase the most beautiful *Odontoglossa*, merely because they despaired of being able to grow them! And yet, as we now find, all that was required was to place the Orchids of cool countries in houses in which the temperature was not higher than that to which they had been habituated in their native wilds. It seems incredible that so obvious a principle should have been steadily ignored for more than twenty years; yet so it was! The accidental circumstance of our first Orchids having been coast or riverside plants, or denizens of the warm islands of the East and West Indies, leading as it necessarily did to *hot* treatment, had induced the notion that under no other system could any tropical Orchids be grown; and hence the ill-success that attended all our attempts to deal with the Orchids of the Mexican and Peruvian Andes, where the climate much more closely resembles that of the greenhouse than of the stove. But now, happily, the irrational prejudice that clung to us so long has entirely disappeared, and with it the difficulty of growing a most charming section of the Orchid family.

It is probable that a greater number of fine species amenable to “cool treatment” than has ever been gathered together in our “hot” Orchid-houses; and thus cultivators have much novelty and pleasure yet to anticipate.

So maybe that is it. If we understand where our orchids originated from, maybe we could duplicate those conditions for them. Just a thought.

Jeff Knowles.

Oh, I guess I should mention that the extract above was part of the preface in “A Second Century of Orchidaceous Plants” edited by James Bateman in 1867 in London.

Maybe we are a bunch of slow learners after all 😊

JK

Upcoming Bus trips.

Lists are now available for the following trips, so put your name down if you wish to reserve a seat:

1. Ingham Field day – 6 seats available

Date: Sunday 8th April, 2018, the Bus **will leave** the TOS hall at 6:30am. **Please be early.**

Cost: \$25 / member for the bus. \$35 / others for the bus.
(\$10/person for lunch included in the above prices)

Return to the TOS hall by 6:00pm.

Bring your own box for plants, 1 per person.

2. Bowen Field day

Date: Sunday 20th May, 2018

Bus **leaves** the TOS hall at 5:30am.

Cost: \$30 / member for the bus. \$35 / others for the bus
(\$10/person for lunch included in the above prices)

Return to the TOS hall by 6:30pm.

Bring your own box for plants, 1 per person.

*Bulbophyllum mastersianum*ⁱ

by Jeff Knowles

Introduction

Having your orchids flower to perfection is one of the satisfying moments of any orchid grower, but the growing of orchids has so much more to keep the “old grey matter” ticking over. An investigation into the history of an orchid is one such endeavour.



Our plants

We purchased a seedling flask of *Bulbophyllum mastersianum* ‘yellow’ at the Australian Orchid Council (AOC), Conference and Show held in Mackay in September, 2015 and they began flowering in January, 2018.

At the January meeting of the Townsville Orchid Society, we tabled one of our *Bulbophyllum mastersianum* plants on the first flowering table. This species is not seen very often in Australia and is yet to receive any awards from the AOC, although it has been awarded overseas.



Discovery and Description

Bulb. mastersianum was first “introduced to cultivation by Messrs. Linden, of Brussels, with whom specimens first flowered in 1890.”ⁱⁱ

It was later that year that it was formally described by R. A. Rolfeⁱⁱⁱ when he wrote in *Lindenia*^{iv}, “Here is a charming *Cirrhopetalum*, introduced this year from the Dutch Indies by M. M. Linden, Horticulture International, Leopold Park, Brussels. It is allied to *C. gamosepalum* Griff., but it is easily distinguished by various characters, and as I could not identify it with any species previously described, I think I can consider it as new, and dedicate it, according to the desire of M. M. Linden, to Dr. Maxwell T. Masters^v, the eminent director of the Gardeners’ Chronicle.” The published description was accompanied by a coloured plate (See Fig. 1).

Rolfe also wrote in June of 1890, “Today I am sending you an inflorescence of a *Cirrhopetalum* that we introduced in 1890 from the Dutch Indies, and which seems to me new *Cirrhopetalum mastersianum*.”^{vi} with a sample sent to Kew. (See Fig.2)

Discerning readers may have already noticed the somewhat interchangeable nature of the terms *Bulbophyllum* and *Cirrhopetalum* so far in this article. When first described by Rolfe in 1890 this orchid species was classified as a *Cirrhopetalum*. Over the ensuing years, debate raged as to whether the orchids “separated by Lindley in 1824 and by Reichenbach 1861”^{vii} should be maintained. Finally, in 1912 J J Smith in *Bulletin du Jardin Botanique de Buitenzorg* published a reclassification, naming our East Indian orchid *Bulbophyllum mastersianum*.^{viii}



Figure 2: Preserved plant specimen from Kew



Figure 1: Colour drawing of *Cirrhopetalum mastersianum*

But why *mastersianum*?

Rolfe followed the wishes of Linden and named this species after M T Masters. But how did he get “mastersianum” from this? He simply followed the accepted and stated rules for the naming of species orchids as now stipulated in the “International Code of Nomenclature for algae, fungi, and plants.”^{ix} The relevant information is contained in Recommendation 60C1 which begins, “When personal names are given Latin terminations in order to form specific and infraspecific epithets, formation of those epithets is as follows”.

The following part that is relevant here is, “(d) If the personal name ends with a consonant, adjectival epithets are formed by adding *-i-* (stem augmentation) plus *-an-* (stem of adjectival suffix) plus the nominative singular inflection appropriate to the gender of the generic name (e.g. *Rosa webb-iana* for Webb, *Desmodium griffith-ianum* for Griffith, *Verbena hassler-iana* for Hassler).” Clear as mud?

Let us break this down and proceed one step at a time.

Step 1. The convention exists that if the person after whom the species is being named has had some connection to the orchid, then the adjectival epithet is used. Rolfe used this interpretation.

Step 2: As the personal name, in this case Masters, ends in a consonant the adjectival epithet is formed by adding “i” and then “an”.

Step 3: Luckily for us in this case, both genus names, *Cirrhopetalum* and *Bulbophyllum* have the same gender - neuter^x.

Step 4: We now add the nominative singular inflection appropriate to the gender of the generic name. Thus we add “um”, for neuter.^{xi}

Final step: Combining all this (Masters + i + an + um) we end up with the name of this species orchid as *Bulbophyllum mastersianum*. This is still the accepted name of this species orchid.

Conclusion

We have now concluded our journey that began in 1890. *Bulbophyllum mastersianum* is an easy to grow, colourful species orchid that can find a place in your collection and hopefully when displayed in all its glory, you will see it in a new light.

- i *Bulbophyllum mastersianum* (Rolfe) J.J.Sm., Bull. Jard. Bot. Buitenzorg, sér. 2, 8: 26 (1912).
- ii *The Gardeners' Chronicle: A Weekly Illustrated Journal of Horticulture and Allied Subjects*, London, 21 February 1914, ser.3:v.55, pp. 122.
- iii R A Rolfe (1855 – 1921) was an English botanist specialising in orchids. He was the first curator of the herbarium at the Royal Botanic Gardens, Kew having given 40 years' service there.
- iv J Linden (Dir), *Lindenia : Iconographie des orchidees*, Belgium, 1890, v.6, pp. 32-34. Translation by JK.
- v Dr. Maxwell Masters, (15 April 1833 – 30 May 1907), 19th century British publisher of *Gardeners' Chronicle* where he was the editor from 1865 to 1907.
- vi Royal Botanic Gardens Kew, Sample from Kew. Hort. Bot. Reg., Kew, No 28. Translation by JK.
- vii Dr. J J Smith, *Bulbophyllum Thou. Sect. Cirrhopetalum* in *Bulletin du Jardin Botanique de Buitenzorg*, Buitenzorg, October 1912, ser.2 : no 8, pp. 19 – 26. Translation by JK.
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- ix J. McNeill (Chairman), *International Code of Nomenclature for algae, fungi and plants*, Melbourne, 2011.
- x How the gender of genus names is assigned could be another topic for investigation.
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Professor Rapee Sagarik, Thailand's leading horticulturalist and Thai orchids expert, passed away at his home in Bangkok on February 17. He was 95.

The well-respected scholar, who has been recognized as the father of Thai orchids, died after suffering from blood infection for over six months. Professor Rapee was a pioneer in the breeding and conservation of Thai orchids, making them known worldwide. He wrote several books and articles, mostly about agriculture and orchids.

Among the many orchids he bred and named are: *Vanda Sagarik* (*V. sanderiana* x *V. miniata*) and *Vandachostylis Sagarik* (*Rhy coelestis* x *V. curvifolia*). He also had many orchids named after him, such as *Van. Sagarik Wine* (*V. denisoniana* x *Rhy. gigantea*).

He will be missed.