TOWNSVILLE ORCHID SOCIETY INC.



October 2019 Bulletin

Full contact details are on our website http://townsvilleorchidsociety.org.au

Postal Address:Hall Location:PO Box 836 D.C.Joe Kirwan ParkAITKENVALE QLD 4814Charles Street, KIRWAN

Email: townsvilleorchidsociety@gmail.com

Patron: Jean Nicholson

President: Greg Kelly Ph. 0474 305 864

Secretary: Maureen Draper Treasurer: Terry Ruxton

Bulletin Editor: Noel Grant Email: grantnml@bigpond.com

Annual Membership Fees are due 1st September each year

Family \$20.00 Single \$15.00

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.

Reminder: Annual membership fees were due 1st September. These fees may be paid at our October meeting or online (see payment details above). If you remain un-financial, you will be unable to vote at our Annual General Meeting in October!

Judges for October 2019:

Open Novice/Species Marie/Ted Alison/Peter

<u>OCTOBER</u>	
Susan MacKenzie	5
John Sibthorpe	7
Peter McLain	12
Nikki Bowler	17
Dieter Schramm	24
Robyn Dundas	27
Susan Mahoney	27



NOVEMBER	
Deborah Blanchard	4
Peter Cooper	6
Noelene Parker	11
Maureen Soper	
12	
Joanne Serra	12
Huong Dao	22
John Draper	20
Pam Cooper	29
Bev Simshauser	30
Stephen Hinds	

The President's Comments

Welcome to all.

We have received more than our share of the blustery westerly winds over the past month. The air is dry and the humidity is low. It is an effort to keep the lawn alive, let alone green. Our orchids are affected by the winds and low humidity, so they will need more water to keep them prospering.

We have completed our Field Day recently. While the day itself was good, it was not without a number of challenges for the organisers on the day. We could have done better on the Saturday set up of the hall, where attendances were low. Many thanks to the organisers as well as the members who assisted in some way either at the set up or on the day.

As the October meeting commences a new year for us, there are those who are progressing from the Novice to the Open Section of the club. A list of those members will be published elsewhere in the Bulletin. If you are coming to the Christmas Party at our November meeting, please ensure that your name is on the list of those attending. Those who have not attended four meetings for the year will be approached for payment either at the October meeting but before the Christmas Party.

Thanks to everyone who supported the club over the past twelve months. Good growing
Greg Kelly

Minutes of Management Committee Meeting held Friday 20th September, 2019

Meeting opened: 7:35 chaired by Greg Kelly (President)

Present: Maureen Draper, Robert Rasmussen, Terry Ruxton, Ted Boon, Ruth Whiting, Noel Grant, Lyn Ryan, Peter Lucke, Greg Kelly and Robyn Dundas

Apologies: June Cairns, John Draper, Leonie Johnson

Visitors Nil

Minutes

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

M: T. Boon S: R. Dundas Carried

Business arising: Nil

Correspondence: Nil Business arising: Nil

Treasurer's Report

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

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

Moved: T. Ruxton Seconded: Carried

Spring Show (7-9/9/2019)

- Show was a great success. A big thank you to all the workers who made it such a great success. Without our workers, the Shows would not happen.
- Discussion was held regarding the problems being encountered using the program and printer on the night of the judging. After lengthy discussion Charles Lee to take up with Jeff Knowles and later recommend actions to the committee.

TOS Field Day (6/10/2019)

- Still have 10 seats available, hopefully these can be filled
- Still seeking other members to open bush houses for the day.
- Discussed arrangements for Ingham in relation to visiting T Jochheim on the way from Ingham.

Hospitality:

- New order for club shirts has been placed
- "Christmas" Lunch Menu has been decided on
- Cost
 - Members who have attended 4 meetings plus FREE
 - Members with less than 4 meetings to pay \$15
 - Non-Members \$35
- BYO Alcohol
- Soft drinks and water will be provided

Building Maintenance:

Rob Rasmussen is still working on new louvers for the hall.

New Member Applications

Sandy Hutchison – Novice, Joy Rains – Novice, Michael & Helen Coxhead – Novice, Barbara Sampson – Novice, Margaret Boyd & Wally Brooker – Novice, Diane Hurley – Novice, Margaret Pedersen – Novice, Janelle Stevens – Novice, Pamela Eggins - Open

General Business:

- AGM to be held on 27th October, 2019
- Nominations must be received by 12th October, 2019 (Robert Rasmussen managing)
- Stacey Cairns will Chair the AGM as Returning Officer through the election process
- "First Flowering" at General Meetings is not working. Motion: that the "First Flowering" be removed.

Moved: R Dundas Seconded: M Draper Carried

- TQOS It was agreed that TOS would support TQOS by providing tables
- Ted Boon spoke concerning Keith Otto who has been with the club for fifty years and is leaving Townsville. Ted suggested that he be made an Honorary Member. It was resolved that Keith Otto be given an honorary membership of TOS.

Meeting Closed: 9:14 pm	
Greg Kelly – President	Maureen Draper - Secretary

Minutes of General Meeting held on Sunday 22nd September, 2019

Meeting opened: 1:05 pm

Present as per attendance book. **Apologies** as per attendance book.

Visitors as per attendance book. Minutes Business arising: NIL

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

Moved: J Johnson Seconded: R Dundas Carried

New Correspondence: Nil

Treasurer's Report

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

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

Moved: Fred Parker Seconded: Lyn Johnson Carried

Show Report

A big thank you to all the volunteers who helped. Only had one glitch, club is looking at improving our computer system.

Field Day

Have 10 spots to fill. Lunch is \$10

Need helpers to prepare the lunch, need about 6 people, Raffle Tables as well, 2 helpers to check off list for lunch and bus. Helpers to set up hall on Saturday 1:00 (day before trip) Morning tea with be at 8:00am with departure at 8:30 am.

General Business

Annual General Meeting To be held 27 October at 1pm

- Nominations to be submitted 14 clear days before the meeting.
- Must be financial to either nominate or vote at the meeting.

- As new constitution has not been finalised, we are still using present constitution.
- Meeting will be followed by October General Meeting.

Christmas Party. To be held on 24 November. Meeting commences at 12 noon.

- Cost Four Meetings Free, less than four meetings \$15. Visitors \$35
- Includes soft drinks and water bring own alcohol if you want
- New Caterers but similar menu
- No plant competition but a couple of tables out the back if you wish to show others your plant/s.
- Winners of this year's competitions will be presented with their prizes at Christmas Party.
- TOS is supplying \$1000 plants for raffles. More than welcome to donate further prizes.

Club Shirts

Another Shirt order has been submitted and paid for.

First Flowering Section.

- Was intended for the first flowering of a cross. That is the plant has never been flowered by any other person, not the first time that you flower the plant.
- By definition this excludes the first flowering of mericlone plants that have been purchased as seedlings If sellers can show you the photo of the flower for that plant, it must have been flowered somewhere to get the photo.
- For some time, there have been problems with the correct use of this section.
- It appears that many members are simply confused by the parameters of the section. No checks have been made of the plants in this section by those who would know if plant qualify.
- At committee meeting on 20/9/2019, it was decided that the First Flowering Section will cease immediately.

Mentors for New Members

Raised by new members. Will be discussed at next meeting.

Meeting Closed: 1:25 pm	
The meeting was followed by a talk on Den continuous raffle.	drobiums by Charles Lee then afternoon tea and the
Greg Kelly - President	Maureen Draper - Secretary

Members Progressing from Novice to Open Section Commencing 27 October 2019 Alan Hutchings and April Blair, Nikki Bowler, Marie Condon, Keith Day, Glenyce Greenwood, Colleen and Greg Jackson, Lynne Ryan, Roslyn Tappenden Stephen Woods. Congratulations to all the above!

Nominations for Townsville Orchid Society Annual General Meeting October 2019

<u>Position</u>	Nominee I		<u>Proposer</u>	Seconder
President:	Greg Kelly		Robert Rasmussen	Maureen Draper
President:	Charle	es Lee	John Johnson	Lyn Ryan
Vice Presidents: (a) Show:	Robyr	n Dundas	Ruth Whiting	Noel Grant
(b) Property, Finance	ce, Inve	estment:		
(c) Hospitality, Cate	ering:	Ruth Whiting	Noel Grant	Robyn Dundas
(d) Editorial Suppor	t:			
Secretary:	Maure	een Draper	Greg Kelly	Robert Rasmussen
Asst Secretary:				
Treasurer:				
Asst Treasurer:				
Technical Advisor:		Peter Lucke	Noel Grant	Ted Boon
Publicity Officer:				
Librarian:		Noel Grant	Ted Boon	Peter Lucke.
Committee Member	r 1	Lyn Ryan	Ted Boon	Noel Grant
Committee Member	r 2	Ted Boon	Lyn Ryan	Noel Grant
Committee Member	r 3	Charles Lee	Ruth Whiting	Robyn Dundas
Committee Member	r 4			
Committee Member	r 5			
Other Officers: Patron:		Jean Nicholson	Greg Kelly	Terry Ruxton
Country Vice Presid	dent 1			
Country Vice Presid	dent 2			
Auditor				
Host 1		Denice Lincoln	Lyn Ryan	Greg Kelly
Host 2				
Host 3				
Host 1				

Tabled Plants September 2019
Bold Type indicates a correction using Orchidwiz.

Section			TOS No.
<u>OPEN</u>	1st	Paph Berenice	C Lee
PAPHIOPEDILUM	2nd	Paph Yi Ying Morning Sun	L Johnson
Any Other	3rd		
CATTLEYA	1st	Rlc Siam White	T&P Jochheim
115mm and over	2nd		
	3rd		
CATTLEYA	1st	Rth Deception Mite	G&S Kelly
74mm to 114 mm	2nd	C Dal's Choice 'Dreamtime'	G&S Kelly
	3rd	Ctt Varut Startrack	T&P Jochheim
CATTLEYA	1st	C Elusive Dream 'Ruby Lips'	G&S Kelly
Miniature	2nd	C Lyn Udris	G&S Kelly
	3rd	C Chief Jewell	D Dattinger
CATTLEYA	1st	C Unknown	R Whiting
Cluster	2nd	C Little Fairy	B Hughes
	3rd	Ctt Trick or Treat	N&M Grant
CATTLEYA	1st	Eyy Grapelade	N&M Grant
Nodosa Influence	2nd	Bc Hoko Gem	N&M Grant
	3rd		T (OTT)
CATTLEYA	1st	Ctna Why Not	T&P Jochheim
Broughtonia Influence	2nd	Ctna Quantum Spirit 'Ring of Fire'	G&S Kelly
Broughtoma mirachec	3rd	Gct Barrel of Brandy 'My Dream'	R&E Dundas
CATTLEYA	1st	Iwanaga Apple Blossom	T&P Jochheim
Any other hybrid	2nd	Twanaga Apple Biossoni	T&T JOCINICIII
7 Mily Other myorid	3rd		
VANDA	1 st	V (Keeree Delight x Aroonsri Beauty) x	D Dottinger
65mm and over	1	Kulwadee Fragrance	D Dattinger
	2nd	V Gordon Dillon	N&M Grant
	3rd	V Rothschildiana 'Pink'	N&M Grant
VANDA	1 st	V Ann Hayes (Bangkhuntian Gold x	D Dattinger
Under 65mm	1	miniata)	D Dattinger
Onder Oshim	2nd	V Tiens Delight	D Dattinger
	3rd	V Ashleigh Elizabeth Johnson (miniata x	D Dattinger D Dattinger
	Jiu	garayi)	D Dattinger
DENDROBIUM	1st	D Sunny Red	T&P Jochheim
Phalaenanthe	2nd	D Royal Burgundy x Small Alley	T&P Jochheim
T Harachartere	3rd	D Airy Crimson	R Whiting
DENDROBIUM	1st	D Hawaiian Spectacular	T&P Jochheim
Intermediate	2nd	D Hawahan Spectacular	Ter Joennenn
momount	3rd		
DENDROBIUM	1st	D Fraser's Spiral Beauty	T&P Jochheim
Spathulata	2nd	D Fraser's Elite Dragon	B Hughes
Spaniana	3rd	D Kuranda Blue x <i>johannis</i>	T&P Jochheim
DENDROBIUM	1st	D Yukidaruma "King'	T&S Ruxton
Any other hybrid	2nd	Diukidaluma King	1 & S Kuatuli
7 my omer myond	3rd		
PHALAENOPSIS	1st	Phal I-Hsin Cream x Carmela's Wonder	C Truscott
Large – Any Colour	2nd	Phal Ox Queen	T&P Jochheim
Large Thry Colour	3rd	Phal Fuller's Pink Stripe	T&P Jochheim
PHALAENOPSIS	1st	Phal Mei Dar Ruby	T&P Jochheim
Small – any colour	2nd	Phal Surfsong	T&P Jochheim
	3rd	That Surforig	1 &1 JUCIIIICIIII
	JIU		

ONCIDIUM	1st	Zygo Trozy Blue	R&E Dundas
Any other Hybrid	2nd	Zygo Midnight Blue	T Phillips
11119 001101 119 0110	3rd	Zygo Debbie De Mello	R&E Dundas
ONCIDIUM	1st	One Florida x <i>One maculata</i>	B Hughes
Varicosum type	2nd	One Florida x <i>One maculata</i>	B Hughes
v an eosam type	3rd	Lsz (Hwra) Lava Burst	R Whiting
ONCIDIUM	1st	Brs unknown	C Lee
Large – over 65mm	2nd	Blrra Peggy Ruth Carpenter	T&P Jochheim
Large over comm	3rd	Birtar eggy ream carpointer	
TOLUMNIA	1st	Tolu Elfin Hawn	G&S Kelly
	2nd	Tolu Unknown	R Whiting
	3rd	Zlm Liz	G&S Kelly
NOVICE	1st	Rlc Village Chief North	K Day
CATTLEYA	2nd		P Eggins
Large	3rd	Rlc Rosella's Lollipop (Swan's Lolly x	K Day
Large	314	Dal's Choice)	II Duj
PHALAENOPSIS	1st	Phal Unknown	M&J Draper
Large	2nd	Phal Unknown	P Eggins
	3rd	Phal Intense	D Blanchard
DENDROBIUM	1st	D Line Dance	K Day
Soft Cane	2nd	D Yukidaruma 'King'	K Day
Soft Cano	3rd	D Tumumumu Timg	II Duj
ONCIDIUM	1st	Tolu Sniffen	M&J Draper
OIVEIDIOM	2nd	Onc Pupukea Sunset	M&J Draper
	3rd	Onc Painter Tropic Jungle	C Gibson
<u>SPECIES</u>	1st	Epi cochleatum	K Owens
CATTLEYA	2nd	Enc atropurpurea	N&M Grant
ALLIANCE	3rd	Epi elongatum	N&M Grant
CATTLEYA	1st	C amethystoglossa 'Jaguar'	B Hughes
	2nd	C amethystoglossa 'Jaguar	P&J Lucke
	3rd	Gur skinneri	N&M Grant
DENDROBIUM	1st	D semifuscum	K Owens
Hard Cane	2nd	D antennatum	G&S Kelly
Tiara Cario	3rd		Sees Henry
DENDROBIUM	1st	D anosmum	M&M Dolan
Soft Cane	2nd	D palpebrae	F Parker
Soft Cane	3rd	D anosmum	M&M Dolan
DENDROBIUM	1st	D lindleyii	R&E Dundas
Callista	2nd	D lindleyii	J Johnson
Camsta	3rd	Dunateya	J Johnson
VANDACEOUS	1st	Vaaravi	N&M Grant
VANDACEOUS	2nd	V garayi V tessellata	N&M Grant
	3rd	V tessellata	N&M Grant
PAPHIOPEDILUM	1st		L Johnson
PAPHIOPEDILUM		Paph laevigatum	L Johnson
	2nd 3rd		
DITAL ADMODUS		Dhal achillowian -	T 0-D I1-1
PHALAENOPSIS	1st	Phal schilleriana	T&P Jochheim
	2nd	Phal cornu-cervi	N&M Grant
	3rd	D 11 1 C 1	DOMC
BULBOPHYLLUM	1st	Bulb burfordiense	P&M Cooper
	2nd	Bulb graveolens	A&J Knowles
	3rd	Bulb burfordiense	L Johnson

AUSTRALIAN NATIVE	1st	D lichenastrum var prenticei	N&M Grant
Dendrobium	2nd	_	
	3rd		
POPULAR VOTE	1 st	Iwanaga Apple Blossom	T&P Jochheim
OPEN			
NOVICE	1st	D Wine Dance 'Minuet'	K Day
SPECIES	1st	D lindleyii	R&E Dundas

Points for Tabled Plants after September 2019

Name	Open	Novice	Species	Aggregate
Berzinski C/Mutch L	27	1101100	1	28
Blanchard D		5	2	7
Bloom M	12		27	37
Boon T	18		3	21
Bowler N		1		1
Boyd D		3		2
Cairns Family	2		4	6
Cooper P&M	45		16	61
Dattinger D	69		4	71
Day K		126	22	148
Dolan M&M			7	7
Draper J&M		59	8	67
Dundas R&E	179		39	218
Eggins P		6		6
Fighera B	95		15	110
Gibson C			9	9
Grant N&M	202		177	379
Hardwick N	1			1
Hardy A	4		6	10
Howell B&L		14	2	16
Hughes B	123		15	138
Jochheim T	240		5	245
Johnson J	12		44	56
Johnson L	63		14	77
Kelly G&S	104		6	110
Knowles A&J	27		58	85
Lee C	76		16	92
Lewis P&L	3		1	4
Liang E		4	1	5
Lucke P&J	5		14	19
Nicholson J	57		25	82
Nuss J			5	5
Owens K	64		20	84
Parker F	10		10	20
Phillips T	19		11	30
Punchard A		4		4
Rasmussen R	12			12
Ruxton T&S	18		3	21

Points for	Tabled	Plants	Cont.	
Ryan L		36	5	41
Sanim M	4		4	8
Scott R	35			35
Serra P			4	
Sewell W&C	52		14	66
Stevens J			8	8
Tappenden R		9		9
Triebell M&M		3		3
Truscott C	25			25
Watt G		9	5	14
Whiting R	101		5	106
Woods S		5		5

Townsville Orchid Society Members' Shop - News

I did not get around to reminding you about the **South Australian bark** order at the September meeting, but I went ahead and ordered a pallet load anyway - and it has arrived. Members who have already placed orders can pay and collect at the October meeting. The bags that were not ordered will be sold on a first come basis.

Fernland has a delivery truck coming up this way in the week beginning 4th November. If we can gather sufficient orders, then I will place the order. Their catalogue (old one) is on the table at the meeting. If you are interested in items such as kiwi bark, charcoal, sphagnum moss, or even something the shop should stock, then order at this meeting.

Item highlights for October:

- 1 We sell the absolute best **pencils** for writing on tags the 8008 pencil.
- 2 If you can't quite see those little critters destroying your orchids, then you need a **loupe**. These are metal framed, have large 30x magnification and they are available at your shop.
- 3 We stock a huge range of **fertilisers** including organic (Black Gold), slow release (Plantacote), and many inorganic, fully soluble ones. Treat your orchids to a Christmas feast this year.

See you Sunday.

Jeff and Alison

Townsville Orchid Society's Growing Competition Plants.

Here is the list of the orchids, and their reference numbers, that are currently in the growing competition. These can be exhibited at meetings.

Have you searched your orchid house to see if your *Vanda* ((Varut Leopard x Dona Isabel Bosch) x V. (Viboon x Varut Fuchsia)) x V. Mungkud has a flower spike? (See our photo)

New members will be presented with one of these as a gift upon joining the society.

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

2207 Den. White Comet

2208 Rlc. Chunyeah '#19'

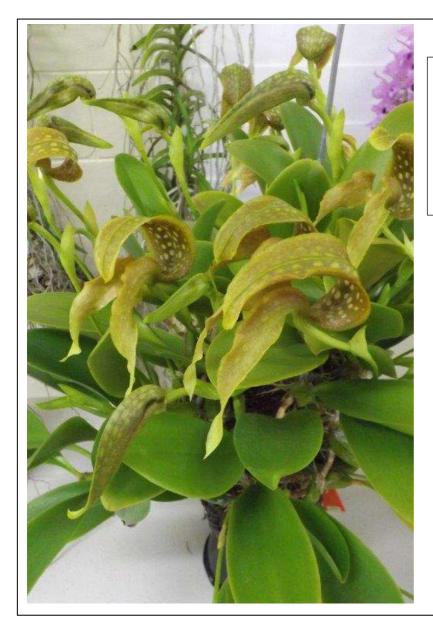
2233 Den. Joyce Margaret Kuok x Den. Pink Lips

2231 Rhynchostylis gigantea 'Secret Squirrel Colour 18'



The last addition to the list (No. 2231) will be freely distributed to members who are present at the forthcoming October 2019 meeting.

Jeff Knowles



Registrar's Choice September 2019 -

Species 81 points

Bulbophyllum burfordiense

P & M Cooper



Registrar's Choice September 2019 -

Novice 79 points

Phal. unknown

J & M Draper

The Registrar's Choice for the Open Section was Phal I Hsin Cream x Carmela's Wonder, which was awarded 83 points - owner C Truscott. Unfortunately, the plant was unavailable for the photographer.

Thanks to Ted Boon for the photos.

Orchid Tit-Bits. by *Jeff Knowles*

A few of the items raised at the September meeting of the Townsville Orchid Society Inc. got me thinking and doing a bit of digging.

A: Hard scale is definitely a real pain once it invades your orchid house and colonises your orchids, mainly *Cattleyas*. One of the safest, and yet really effective method of eradication is contained in an article I wrote for the March 2019 *Townsville Orchid Society Inc's Bulletin*. The *Bulletin* can be accessed on the TOS websiteⁱ.

B: I praised the *Bulbophyllum graveolens*ⁱⁱ that we exhibited (see photo right) at the September meeting, so I thought that I had better just see how it really compares, remembering that it our plant only had three inflorescences and the flowers were not dressed all that well. Consider the following data comparisons with highly awarded clones from both the American Orchid Society (AOS) and the Australian Orchid Council (AOC).



Highest awarded plants	AOS	AOC	Ours
Year, award and points	2002, AM, 86points	2003, AM, 81.5points	Not yet
Length of flower	7.3cm	7cm	9.5cm
Width of flower	1.7cm	2.1cm	1.7cm
Total number of	37 on two	71 on 4	Not counted - total of
flowers	inflorescences	inflorescences	3 inflorescences
No. flowers on one inflorescence	Not stated (average = 18.5)	17 on main one	22 on main one

I reckon our plant stacks up pretty well.

The naming of this species is a tale worth telling.

This history was clearly explained by Sir Joseph Dalton Hooker in *Curtis's Botanical Magazine*ⁱⁱⁱ in 1897 when he wrote, "*C. robustum* was discovered in British New Guinea by Sir W. Macgregor, K.C.M.G., the Governor and indefatigable explorer of that great island; and plants from thence were brought to the late Colonel Trevor Clarke, of Walton Place, Daventry, by his nephew, Captain Clarke. These flowered in March,1893, and were described by Mr. Rolfe under the name of *C. robustum*iv". He defined it as being "a very robust and remarkable species" In 1896 the same plant was described by Mr. Bailey, Government Botanist of Queensland, as *C. graveolens*vi, also from Sir W. MacGregor's specimens. Mr. Bailey observed that "flies are attracted by the strong, heavy scent of the flowers, and, being entrapped between the lip and column, perish there." The appropriateness of the current species name then becomes obvious as in Latin *gravis* means heavy and *olens* means smelling.

C: Dendrobium anosmum's^{vii} name raised a question or two, given that the flowers do have a quite pleasing aroma. So how come it was given a name meaning "no smell" when it was first described?

Messrs. Loddiges imported this handsome plant from the Philippine Islands into England in 1840. It was first described in the literature, and hence named, by John Lindley in 1845 when he wrote," This is a Philippine plant, which has lately flowered with Messrs. Loddiges. Its appearance is very much that of D. macrophyllum, but, 1. its flowers are scentless, and have not the strong odour of rhubarb; ; 2. they are smaller; 3. all the divisions of the flower are shorter, broader, and even, instead of being undulating."viii Joseph Paxton also made reference to its scent, or perceived lack thereof, when in 1846 he wrote, when comparing it to that of *D. macrophyllum*, that it was "free from . . . the powerful and somewhat unpleasant rhubarb scent."ix So considering it bloomed in England and it was being compared to an orchid that had a "powerful and somewhat unpleasant rhubarb scent", Lindley obviously concluded it was scentless, giving it the species name anosmum.x



The first drawing of Den. anosmum (Paxton's Magazine of Botany in1849)

REFERENCES.

http://www.townsvilleorchidsociety.org.au/newsletters/2019/March2019.pdf

Bulbophyllum graveolens (F.M.Bailey) J.J.Sm., Bull. Jard. Bot. Buitenzorg, sér. 2, 8: 24 (1912).

iii J. D. Hooker, Curtis's Botanical Magazine, ser 3, vol 53, no. 1328, October 1897, tab. 7557.

iv Cirrhopetalum robustum Rolfe, Orchid Rev. 1: 175 (1893).

^v R.A. Rolfe, The Orchid Review, vol 1, no.6, June 1893, p.175-176.

vi Cirrhopetalum graveolens F.M.Bailey, Bull. Dept. Agric. Queensland 13: 33 (1899). [Jeff: should be 1896?]

vii Dendrobium anosmum Lindl., Edwards's Bot. Reg. 31(Misc.): 32 (1845).

viii J. Lindley (Ed), Edwards's Botanical Register, vol 8, Misc.p.32, 1845

ix J. Paxton, Paxton's Magazine of Botany, vol 12, no. 144, p. 142, 1846

x meaning no smell