



**April 2017 Bulletin**

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Annual Membership Fees are due **1<sup>st</sup> 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

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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.*



April:

Mavis Papalexion	3
Beverly Leamon	3
Isabella Lucke	7
Ruth Whiting	7
Mary Cooper	8
Carl Osborne	14
Denise Lincoln	18
Gary Watt	20
Glenyce Greenwood	23
Wally Carlill	25
Mary Agapiou	25
Patricia Waring	28

**Apology from the Editor:**

I am sorry – I truly mucked up! I misread my calendar, and thought that the monthly meeting was still 10 days away, but it is on this coming Sunday! Ah, the lethargy of the Easter Weekend! The plan is to have the monthly Bulletin to you early in the week before the Meeting, as a gentle reminder that it is happening in a few days, so I should have prepared it and emailed it 2 days ago and posted the ‘analog’ copies when the Post Office opened today. This morning I idly looked at my calendar and received a rude shock when I saw I was overdue (and had done nothing to compile the Bulletin). I apologise to those of you who receive the Bulletin by mail, as it may not arrive (or it may not have arrived) until after the Meeting.

Sorry again. Noel Grant

Further apology:

We regret that, through technical difficulties, we are not been able to print photographs of the winning plants from the Townsville Orchid Society 2017 Autumn Show in this edition. We hope to provide them next month.

Judges for April: Alison, Peter Novice and Species  
Charlie, Marie Veterans and Open

RAMBLINGS....

It would appear Noel is not the only one thrown out by the Easter Break; these things happen so put it behind and carry on.

I must apologise for my "lack of zip" during the afternoon's activities during the recent Ingham Field Day. I had had an extremely bad night on the Saturday and was feeling decidedly off. Appears it was a 24 hr whatever. Those who attended the Ingham Field Day enjoyed a typical Ingham Field Day with plants galore, plenty of food and a chance to meet up with old and new friends. Our Bus came home loaded up with numerous goodies, one of the highlights of the day.

This year there appeared to be more 'new' visitors than previous, as visitors came from Mackay, Bowen, Ayr, various Tville clubs, Tully, Innisfail and Charters Towers (have I missed anyone?).

If you have never been to an Ingham Field Day, you are missing the event of the year, a very well run and well organised day.

Thankfully, unlike another bus, we never got lost, our driver knew where to go and diverted through a couple of hairy short cuts and eventually ended up at Hilders' Nursery and a sight to behold, loads of various coloured Spathoglottis in one of the large bush houses, unfortunately none for sale. Happily, other places were able to provide plants in abundance.

Perish the thought, we are well into April which means our major event for the year, **the Tropical Queensland Orchid Council Conference**, is only a matter of weeks away with plenty of work still to be done. I am working on a list of chores to be done which, I hope, will be looked after by various club members and not left to the few willing workers.

Like the previous Conference in Ayr and possible lack of flowers, I am getting a little concerned. I, for one, have very little even appearing as possible display plants, with too many in flower now. I can only hope I will be wrong, however I am approaching a number of places in the hope of obtaining cut flowers. So, empty bottles are still required.

We are still waiting on word from the Townsville City Council and Gambling Fund in the hope of obtaining the assistance we are seeking. It will make life a little easier once we know which way we have to jump.

Our Autumn Show is over for another year, and, while not as good as previous Autumn Shows, it did bring in those of the public interested in Orchids. I congratulate those who won the various champions and placing etc. and thank all members for their input in various ways. Let's hope June will be a great success. (fingers are crossed).

On a brighter note that horrendous rotten heat is starting to subside, Hurrah! Hurrah! I might start and feel normal IF that is possible...

See you on Sunday, Usual Place and usual time.

Ted

### **Townsville Orchid Society 2017 Autumn Show**

The 2017 Autumn Show was recently conducted at our clubhouse. With the scare in relation to Cyclone Debbie at the beginning of the week and some extremely hot weather before and during the show it is my opinion that, everything considered, the show was a success.

We were down on attendance and sales on the Friday and Saturday but Sunday was perceived to be a busier day. The actual show was in my opinion a very solid performance given the circumstances of the weather. I know that, prior to the Show, I had about fifteen plants hanging in my second bathroom for a couple of days trying to protect them from the forecasted weather. The individual displays of Dendrobiums, Cattleyas and Vandaceous plants were good with a wide selection of plants to view. I particularly embraced the ability to space the plants so that you could view the individual plants.

I would like to thank all who assisted with the setting up and staffing of the show. The roster for all areas was nearly complete. I know that some TOS members excelled and performed multiple shifts on multiple days. They are especially thanked.

Congratulations to all of the major prize winners.

The Spring Show in September is the only other show at the clubhouse this year. I know several of the committee including myself are not available for that show. I am sure that everyone will pitch in as usual to get the show running.

Thank you all again

Greg Kelly

Show Chairman.

## **Townsville Orchid Society 2017 Autumn Show Results**

<b><u>Award</u></b>	<b><u>Plant</u></b>	<b><u>Owner</u></b>
Grand Champion	Ctsm. Lovena	B. Fighera
Reserve Champion	C. Tainan City	P & J Lucke
Champion Laeliinae Hybrid	C. Tainan City	P & J Lucke
Champion Dendrobium Hybrid	Dend. Blue Paradise	C. Truscott
Champion Vandaeae Hybrid	V. Leamy	P & J Lucke
Champion Phalaenopsis Hybrid	Phal. Tying Shin Eagle x bellina	J & A Knowles
Champion Oncidiinae Hybrid	Mtssa. Phoenix Rising	R. Whiting
Champion Paphiopedilum/Phragmipedium Hybrid	Paph. Honey	P & J Lucke
Champion Any Other Genera Hybrid	Ctsm. Lovena	B. Fighera
Champion Australian Native	Dend. bigibbum	R. Nicholls
Champion Exotic Species	Eria hyacinthoides	A. Hughes
Best Specimen	Eria hyacinthoides	A. Hughes
Champion Novice	Lc. Marie's Song x Pot. Nonthaburi Fancy	R. Whiting

### **How can you tell this flowering plant is an Orchid?**

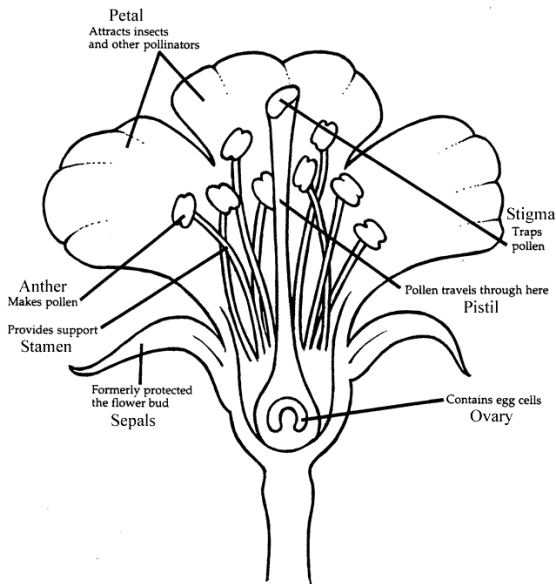
Orchids belong to the smaller of the two great groups of flowering plants - the monocotyledons (or monocots), which include lilies, orchids, palms and grasses. The larger group contains the dicotyledons (the dicots). The majority of common garden plants, most trees and broad-leaved flowering plants, such as roses and geraniums, are dicots.

Monocots are distinguished by having only one seed leaf in the embryo contained in the seed (dicots have two). Most of you will have grown peas or beans (which are dicots) at some time, and I am sure you all remember those two leaves breaking the ground surface as the young plants sprouted.

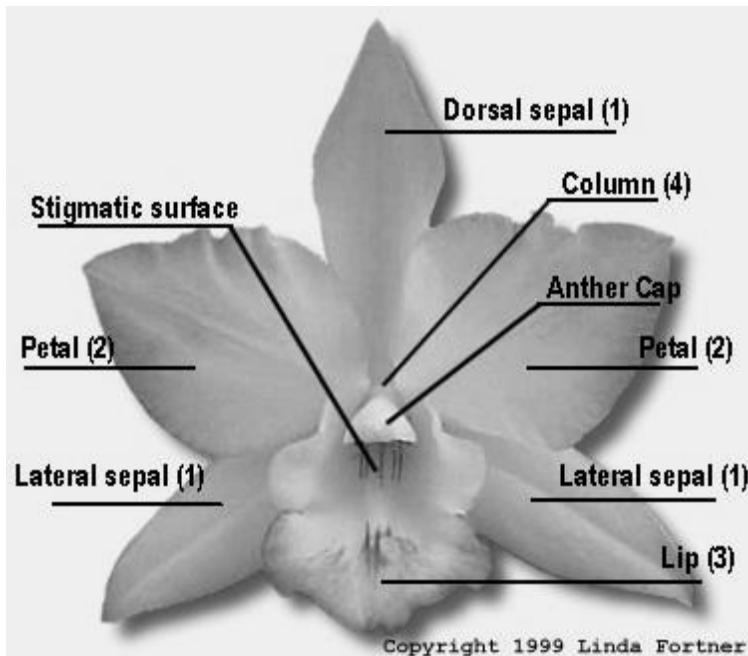
Monocots typically also have flower parts, such as sepals and petals, based on a plan of three (imagine a typical orchid flower), whereas dicots have parts based on a plan of four or five (or multiples thereof). Most monocots have leaves with parallel veins, while dicots usually have a meshlike pattern. The stems of monocots do not have a continuous cambium layer, or region of new growth, so they do not increase in stem thickness, produce annual growth rings or have woody stems, as do typical trees, which are dicots.

The primary characters that distinguish the orchids as a group are found in the flower.

Parts of a Flower



At the bottom of an unspecialized **non-orchid flower** is the stem that supports it, called the **pedicel**. Directly above, and at the base of the flower itself, is a whorl of green, leaflike organs called **sepals**. Above and inside the sepals is a second whorl of coloured **petals**. These are the asexual parts (“asexual” means NOT sexual) and they are developed to protect the flower or to attract a pollinator. Inside (also arranged in whorls) are the sexual portions of the flower. First are the male **stamens**, which consist of a **filament** (the slender stalk that supports the anther) and an **anther** (usually an arrangement of four sacs filled with loose pollen grains). There may be several whorls of stamens. In the centre of the flower is the female **pistil**, which is composed of an enlarged portion (the **ovary**) topped by a stalklike **style** with a **stigma** at its apex. The **pollen** in the anther is powdery and is usually carried from the anther of one flower to the stigma of another flower by a pollinating agent (moth, fly, bird etc).



The usual **orchid flower** is also supported on a pedicel. The ovary, however, with its ovules, seems to be an integral part of the pedicel because it is embedded within the upper portion of the pedicel **below** the attachments of the petals. The orchid flower is thus said to have an inferior ovary. The sepals and petals are usually similar, often highly coloured, and in sets of three. One petal is developed as a landing platform for the pollinator and is called the **lip** (or **labellum**). The sexual portions of the orchid flower are quite different from other generalized flowers. All of the male organs and the female organs (the filaments, anthers, style, and stigma) are reduced in number and are usually fused into a single structure called the **column**. Most orchids have a single anther at the apex of the column. The pollen grains are bound together with a sticky substance in masses called **pollinia**. As a visiting insect backs out of the flower, the pollinia are picked up from the anther and stick to the body of the insect.

One of the characteristic differences between the orchid family and other advanced monocots is that the fertile stamen or stamens are all on one side of the flower opposite the lip. This makes the flower bilaterally symmetrical. The lip is oriented upward in the bud, but as it later develops, twisting takes place in the pedicel or ovary so that the lip is usually oriented downward by the time the flower opens, a process called **resupination**. Orchid seeds are extremely small and contain an embryo that lacks endosperm (starchy nutrient tissue). In nature, orchid seeds need the presence of a fungal mat called mycorrhiza in order to germinate. Happily, a method has been found in the laboratory where seeds can be germinated without the fungus, which is why so many orchid seedlings are now available.

It is interesting that all the special characters of orchid flowers, such as the joining of the male and female organs to form the column, the masses of pollen called pollinia, and the tiny seeds without endosperm, are found individually in other groups of flowering plants. However, it is through the combination of all of these characters that we now know the family of flowering plants called the Orchidaceae.

## **March 2017 – TABLED PLANTS RESULTS:**

### **VETERANS**

#### **CATTLEYA 125MM AND OVER**

1<sup>ST</sup> Rlc Pink Diamond

B Figuera

#### **CATTLEYA ANY OTHER**

1<sup>ST</sup>. **Bct Yuan Nan Mini** (Ctt Chocolate Drop x Bc Richard Muller)

N & M Grant

#### **ANY OTHER HYBRID**

1<sup>ST</sup> V Kapiolea Blue Moon

N & M Grant

2<sup>nd</sup> Vanchoanthe Herbert Kurihara

N & M Grant

3<sup>rd</sup> V Rev Masao Yamado

N & M Grant

#### **VANDACEOUS TO 49MM**

1<sup>ST</sup> Van Thai Frost

N & M Grant

2<sup>nd</sup> V Kerchant x **Van Thailand (V coerulea x Rhy coelestis)**

J Nicholson

3<sup>rd</sup> Van Brighton Magic

N & M Grant

#### **MISCELLANEOUS**

1<sup>st</sup> Den Carron Deb

J Nicholson

2<sup>ND</sup> Phrag Praying Sargeant

J Nicholson

3<sup>rd</sup> Cym Golden Elf

J Nicholson

### **OPEN SECTION**

#### **CATTLEYA 125MM AND OVER**

1<sup>ST</sup> C Mari's Song x Rlc California Girl

C Berzinski/L Mutch

#### **CATTLEYA TO 49MM**

1<sup>ST</sup> C Unknown

A Hardy

2<sup>nd</sup> **C Purple Princess** (C Red Carpet x C Aloha Case)

C Berzinski/L Mutch

#### **VANDACEOUS**

1<sup>ST</sup> V Leamy x V Red Gem (V Leamy incorrect)

P & M Cooper

2<sup>nd</sup> V unknown

A Hardy

3<sup>rd</sup> V unknown

A Hardy

#### **DENDROBIUM**

#### **PHALAENANTHE**

1<sup>ST</sup> Den bigibbum x unknown

C Berzinski/L Mutch

2<sup>nd</sup> Den Powder Puff Girl Can find no information

C Berzinski/L Mutch

3<sup>rd</sup> Den Metallic Pink Can find no information

C Berzinski/L Mutch

#### **INTERMEDIATE**

1<sup>st</sup> Den Emma Queen Can find no information

A Hardy

2<sup>nd</sup> Den Emma White

A Hardy

#### **SPATHULATA**

1<sup>ST</sup> Den Carron Deb

A Hardy

2<sup>nd</sup> Den Fraser's Red Dragon x Den carronii

C Berzinski/L Mutch

#### **ONCIDIUM**

1<sup>ST</sup> **Milt Christina Carpenter Rumfelt** (Milt Bluntii x Milt Honolulu) A Hardy

### **NOVICE SECTION**

#### **CATTLEYA 125MM AND OVER**

1<sup>ST</sup> Rlc Dal's Thunder x Rlc Glenn Maidment= **Rlc Golden Majestic** K Turner

#### **DENDROBIUM**

1<sup>ST</sup> Den unknown

owner unknown

2<sup>nd</sup> Den Sakurahine Can find no information

B Hughes

#### **VANDA**

1<sup>ST</sup> V Unknown

T & S Ruxton

2<sup>nd</sup> V Udom Pranerm

T & S Ruxton

#### **ONCIDIUM**

1<sup>ST</sup> Onc Sweet Sugar

T & S Ruxton

#### **PHALAENOPSIS**

1<sup>ST</sup> Phal Tying Shin Beagle

B Hughes

### **SPECIES**

## **CATTLEYA**

1 <sup>st</sup> C jenmanii	K Turner
2 <sup>nd</sup> C bicolor var braziliense	N & M Grant
3 <sup>rd</sup> Gur bowringiana	N & M Grant

## **PHALAEENOPSIS**

1 <sup>ST</sup> Phal deliciosa	N & M Grant
2 <sup>nd</sup> Phal cornu-cervi	N & M Grant
3 <sup>rd</sup> Phal Yen Orion	N & M Grant

## **VANDACEOUS**

1 <sup>ST</sup> Rhy coelestis	N & M Grant
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## **AUSTRALIAN NATIVE SPECIES**

1 <sup>ST</sup> Den bigibbum	G Watt
2 <sup>nd</sup> Den bigibbum	N & M Grant
3 <sup>rd</sup> Den bigibbum	N & M Grant

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## **NEW NAMES: In Bold Letters and underlined**

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## **POPULAR VOTE**

### **VETERAN**

1 <sup>st</sup> Rlc Pink Diamond	B Fighera
2 <sup>nd</sup> V Pachara Delight	N & M Grant
3 <sup>rd</sup> Den Carron Deb	J Nicholson

### **OPEN**

1 <sup>ST</sup> Den Carron Deb	A Hardy
2 <sup>nd</sup> Milt Christina Carpenter Rumfelt	A Hardy
3 <sup>rd</sup> Den Powder Puff Girl	C Berzinski/L Mutch

### **SPECIES**

1 <sup>st</sup> C aclandiae	N & M Grant
2 <sup>nd</sup> Phal deliciosa	N & M Grant
3 <sup>rd</sup> C jenmanii	K Turner

### **NOVICE**

1 <sup>st</sup> Rlc Golden Majestic	K Turner
2 <sup>nd</sup> Den Little Princess	B Hughes
3 <sup>rd</sup> Phal Tying Shin Beagle	B Hughes

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## **FIRST FLOWERING**

1 <sup>st</sup> Den Sakurahime	Can find no information	C Berzinski/L Mutch
<b>2<sup>nd</sup> Den <u>nindii</u> x Den <u>lasianthera</u> x Diane Kouch x Linda x <u>lasianthera</u></b>		C Berzinski /L Mutch

**PLEASE NOTE THE WAY THE ABOVE HYBRID IS WRITTEN.** This is **INCORRECT** but could have occurred in 2 ways...

(1) Copied from a previous tag incorrectly, but perhaps it came from a nursery written this way, which leads the nursery to be at fault (Note: Not many nurseries write incorrect labels)

(2) or the person who made the cross.

Here we have 4 possible crosses; which one is correct? Generally speaking, the 1<sup>st</sup> 2 plants form the 1<sup>st</sup> cross, but it becomes a lot more difficult with the rest.

It is known that nindii and lasianthera have been crossed previously, this hybrid is known as Den Carl Ludwig Bundt.

Using OrchidWiz, I tried to find Carl Ludwig Bundt x Diane Kouch - not a match.

I tried Linda x lasianthera - not a match, and that is as far as one can go.

To assist, the hybridiser may have shown the following:

((Den nindii x Den lasianthera) x Den Diane Kouch) x (Den Linda x Den lasianthera) )

or there could have been another set of brackets in front of nindii and after Den Linda thus leaving lasianthera as the last cross e.g (((Den nindii x lasianthera) x Diane Kouch)) x Den Linda) x Den lasianthera.

So, if Den nindii x lasianthera is the 1<sup>st</sup> cross, and Den Carl Ludwig Bundt x Diane Kouch is the 2<sup>nd</sup> (Den Diane Kouch has also been crossed with lasianthera resulting in Den Natalie Schneider, not valid in this case though),

cross the 2<sup>nd</sup> hybrid with Linda to make the 3<sup>rd</sup> cross, then cross that with lasianthera to make the 4<sup>th</sup>. or cross no 3 with Linda x lasianthera. However, in the example discussed, you end up with a hotch potch of names. As you can see, it is impossible to track the correct hybrid crossings.

**IF YOU HAVE A HYBRID WITH MANY NAMES, PLEASE ENSURE BRACKETS ARE INCLUDED TO MAKE SENSE OF THE PARENTAGE.**

Tabled plants points score - March 2017						
Name		Novice	Open	Veterans	Species	Aggregate
Bloom	Marie			4	11	15
Cairns	June and Stacey		7			7
Chambers	Keith and Lyn		2			2
Cooper	Peter and Mary		17		10	27
Dundas	Robyn and Eric		50			50
Fighera	Bruno			49	4	53
Grant	Noel and Maureen	0	0	112	69	181
Hughes	Bill	13				16
Kelly	Greg and Santina			70	11	81
Lucke	Peter and Joanne			17	8	25
Luecke	John				4	4
Mutch	Col Berzinski and Lyn		73		7	80
Nicholson	Jean	0	0	43	2	45
Osborne	Carl and Hunter		13		4	17
Otto	Keith	0	0	4	4	8
Palin	Norma		3			3
Parker	Fred	3				3
Rasmussen	Robert		4			4
Ruxton	Terry and Sarah	23			3	26
Scott	Ron		3			3
Sewell	Warren and Clara			34	1	35
Turner	Kerry-Ann	5			4	9
Watt	Gary	1			4	5
Whiting	Ruth	25				28

## Bowen Field Day

We are pleased to advise that the bus trip to Bowen is still on! Well-known Orchid grower, Don Meier, reports that, following the rampage of Cyclone Debbie, while their bush houses and gardens may not be in the usual pristine condition, they guarantee that their hospitality will be as warm as ever.

The Field Day bus trip will be on Sunday 21 May (the bus leaves from outside the TOS Hall at 5.30am), so please register (and pay) at the April meeting. For those travelling by car, the venue will, as usual, be the Arthur Anderson Hall at the Bowen Showgrounds, starting at 8.30am.



ENVIRONMENTALLY FRIENDLY\*

**Quincan 10-20mm in 20kg bags.**  
Also Available Orchid Mix.

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Nursery on 07 4778 2272.