

The Paphiopedilum Society of NSW Bulletin

# PAPH. *illustrated*



## Paphiopedilums Awarded At Orchid Central Last Month

Two members of our club received awards at Orchid Central for their Paphiopedilums. Seong Tay's Franz Glanz was awarded an AM, as was Bailey Wong's Paph. *sanderianum*.

## BASIC ORCHID NOMENCLATURE

John McAuley helps us make sense of the science behind orchid names in Part 1 of a two part series.



[www.paphsocnsw.org](http://www.paphsocnsw.org)



**paphnsw**

The Paphiopedilum Society  
Of NSW

### Meetings

3rd Wednesday of the Month

Ermington Community Hall  
6 River Road, Ermington  
NSW 2115

**NEXT MEETING**

November 20th at 7.30pm

**ALL VISITORS WELCOME**



**BAILEY'S SANDERIANUM GETS AWARDED AM**



**OCTOBER CHAMPION HYBRID**  
Paph. St Swithin - B & A Wunderlin



**OCTOBER CHAMPION SPECIES**  
Paph. *sanderianum* - B.Wong

# PAPH. illustrated

The Paphiopedilum Orchid Society of NSW Bulletin

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daniel@orkiddesign.au

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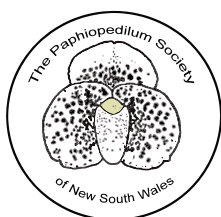
## Patron

Wal Rhodes

## Correspondence

Trevor Yee  
PO Box 120  
Kenthurst NSW 2156

paphsocietynsw@outlook.com



FRONT COVER

Paph. *Franz Glanz*; Grown by S. Tay;  
Photographer: Jane D'Olier

# President's Report

November is Auction Time!  
It's a great opportunity to buy  
an elusive Slipper Orchid for  
your collection.



Paph. *papuanum*; Photographer:Paphioman (Flickr)

Our Society achieved another milestone in October by sharing the first YouTube video of a monthly presentation. Based on the feedback, it was positively received. Many thought it was a great idea and that future presentations should be recorded for members benefit. Thanks again to our panelists Ken, Seong and Craig for sharing their wisdom and knowledge.

November is our twice-a-year members only auction (you have to be financial to get a bidding card). A great opportunity to buy that elusive Slipper Orchid that has been held tightly by our members. We request a limit of five (5) sale plants per membership. Credit card facilities will be available.

If there are any specific ideas you'd like for future presentations, please let me know. What may be something you'd want to learn will also benefit other fellow members as well.

*Trevor Yee*

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Paph. *Hatsue Atsuka* just keeps getting better each month!

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# OCTOBER MINUTES

The Paphiopedilum Society of NSW General Meeting. Wednesday 16th of October 2024 at the Ermington Community Hall, 6 River Road, Ermington, NSW.

President Trevor Yee declared the general meeting open at 8.00pm and everyone was welcomed.

## MINUTES OF PREVIOUS MEETING

Dated 18 September 2024 included in the October 2024 Newsletter. Moved by Trevor Yee that they be adopted. Seconded by J. Atwal.

## GENERAL BUSINESS

### GROWING COMPETITION

Paph. Winston Churchill x Laketta and Paph. Neridah x Mem. Teck Ying 'Yowie'. Please see the benching schedule in the monthly bulletin for reminders. November will be the next judging.

### ORCHID CENTRAL

Members who were placed at Orchid Central were presented with their prize monies and ribbons. Ian Chalmers briefly shared that Paph Franz Glanz and Paph sanderianum were awarded AM's at the show.

## UPCOMING MEETINGS

NOVEMBER - Members Mini Auction

DECEMBER - End of year celebrations & point score presentation

## TONIGHTS PRESENTATION

Ken, Seong and Craig shared their thoughts on what was considered an 'easy' and 'not so easy' paph suitable for beginner and advance growers. Each panellist nominated 3 slippers for each category and was projected to give members a better understanding of the plant in question. This session has been recorded for members to watch again.

## PLANTS OF THE NIGHT

CHAMPION SPECIES - Paph. *sanderianum* 'Bailey' AM/AOC - B. Wong

CHAMPION HYBRID - Paph. St Swithin - B & A Wunderlin

## NEXT MEETING

November 20: Members Auction

All members were asked to return their chair to the back of the hall and tables into storage before the raffles were drawn.

## RAFFLE

The raffle was drawn and Seong was thanked for the wonderful plants provided for tonight's raffle.

## MEETING CLOSED

Meeting closed at 10.00pm



## VISITORS

W. Coetzee

## APOLOGIES

B. Ng  
C. Wong  
J. Robinson  
G. Malik  
G. Stewart  
J. Xiao  
J. Gouvoussis  
P. Serb  
W. Jap  
D. Webb

## JUDGES

K. Siew  
C. Scott-Harden  
P & J D'Olier  
I & I Chalmers

## RAFFLE PLANTS

1. Paph. *fowliei fma. album* (Orchid Inn)
2. Paph. *urbanianum* (Hung Sheng)
3. Paph. *argus* (Hung Sheng)
4. Paph. *delenatii* (TOM)
5. Paph. *delenatii fma. album* (OI)
6. Paph. *druryi* (Tropical Exotiques)
7. Paph. *haynaldii* (OI)
8. Paph. Sander's Parish (OI)
9. Paph. *rothschildianum* (OI)
10. Paph. Formosa Lady (OI)

# OCTOBER MONTHLY BENCHING RESULTS

## SPECIES OF THE EVENING

Paph. *sanderianum* 'Bailey' AM/AOC -  
Grown by B. Wong



# 56

PAPHS BENCHED  
THIS MONTH

## HYBRID OF THE EVENING

Paph. St. Swithin  
Grown by B & A Wunderlin

### CLASS 1 - MULTIFLORAL SPECIES - SECTION PARDATOPETALUM

<b>1st</b>	Paph. <i>haynaldianum</i>	S. Tay	[1]
<b>2nd</b>	Paph. <i>dianthum fma. album</i>	Q. L. Ly	[2]
<b>3rd</b>	Paph. <i>haynaldianum</i>	J&S Atwal	[3]

### CLASS 2 - MULTIFLORAL SPECIES - SECTION CORYPETALUM

<b>1st</b>	Paph. <i>sanderianum</i> 'Bailey' AM/AOC	B. Wong	[4]
<b>2nd</b>	Paph. <i>anitum</i>	A. Mashschits	[5]
<b>3rd</b>	Paph. <i>wilhelminiae</i>	B. Wong	[6]

### CLASS 3 - SEQUENTIAL SPECIES

<b>1st</b>	Paph. <i>moquettianum</i>	B. Wong	[7]
<b>2nd</b>	Paph. <i>liemianum</i>	J&S Atwal	[8]
<b>3rd</b>	Paph. <i>chamberlainianum</i>	B. Wong	[9]

### CLASS 4 - BRACHYPETALUM SPECIES

**1st**

**2nd**

**3rd**

### CLASS 5 - PARVISEPALUM SPECIES

<b>1st</b>	Paph. <i>delenatii fma. album</i>	T. Yee	[10]
<b>2nd</b>	Paph. <i>delenatii</i>	T. Yee	[11]
<b>3rd</b>			

### CLASS 6 - PAPHIOPEDILUM SPECIES - PAPHIOPEDILUM

<b>1st</b>	Paph. <i>hirsutissimum var. esquirolei</i> 'Putney Pizzazz' AM/AOC	T. Yee	[12]
<b>2nd</b>	Paph. <i>hirsutissimum var. esquirolei</i>	P. Nguyen	[13]
<b>3rd</b>	Paph. <i>hirsutissimum var. esquirolei fma. album</i>	J&S Atwal	[14]

### CLASS 7 - PAPHIOPEDILUM SPECIES - SIGMATOPETALUM

<b>1st</b>	Paph. <i>hainanense</i>	B. Wong	[15]
<b>2nd</b>	Paph. <i>urbanianum</i>	S. Tay	[16]
<b>3rd</b>	Paph. <i>urbanianum</i>	C. Scott-Harden	[17]

### CLASS 8 - PAPHIOPEDILUM SPECIES - MINIATURE

<b>1st</b>	Paph. <i>fowlliei fma. album</i>	S. Tay	[18]
<b>2nd</b>			
<b>3rd</b>			

### CLASS 9 - OTHER CYPRIPEIDIOIDEAE SPECIES

**1st**

**2nd**

**3rd**

### CLASS 10 - SPECIES SEEDLING

<b>1st</b>	Paph. <i>liemianum</i>	B. Wong	[19]
<b>2nd</b>	Paph. <i>haynaldianum</i>	T. Yee	[20]
<b>3rd</b>	Paph. <i>liemianum</i>	B. Wong	[21]

### CLASS 11 - COMPLEX HYBRIDS RED

**1st**

**2nd**

**3rd**

### CLASS 12 - COMPLEX HYBRIDS YELLOW/GREEN

**1st**

**2nd**

**3rd**

### CLASS 13 - COMPLEX HYBRIDS PASTEL, WHITE/PINK/CREAM

**1st**

**2nd**

**3rd**

### CLASS 14 - COMPLEX HYBRIDS SPOTTED

**1st**

**2nd**

**3rd**

### CLASS 15 - COMPLEX HYBRIDS ANY OTHER COLOUR

**1st**

**2nd**

**3rd**

### CLASS 16 - MULTIFLORAL HYBRIDS

<b>1st</b>	Paph. St. Swithin	B&A Wunderlin	[22]
<b>2nd</b>	Paph. Paul Parks	S. Tay	[23]
<b>3rd</b>	Paph. Bengal Lancers	C. Scott-Harden	[24]

### CLASS 17 - BRACHYPETALUM HYBRIDS

**1st**

**2nd**

**3rd**

### CLASS 18 - PARVISEPALUM HYBRIDS

**1st**

**2nd**

**3rd**

### CLASS 19 - PARVISEPALUM x BRACHYPETALUM HYBRIDS

<b>1st</b>	Paph. Mem. Arnie Linsman	J&S Atwal	[25]
<b>2nd</b>			
<b>3rd</b>			

**2nd**

**3rd**

### CLASS 20 - MAUDIAE TYPE HYBRIDS - COLORATUM

**1st**

**2nd**

**3rd**

### CLASS 21 - MAUDIAE TYPE HYBRIDS - ALBANISTIC

**1st**

**2nd**

**3rd**

### CLASS 22 - MAUDIAE TYPE HYBRIDS - VINICOLOR

<b>1st</b>	Paph. Paph Hsinying Rubyweb x Hsinying Cyber Leopard	B. Wong	[26]
<b>2nd</b>	Paph. Shin-Yi Heart x (Hung Sheng Bruno x Hsinying Web)	J&S Atwal	[27]
<b>3rd</b>	Paph. Shin Yi Carlos x Red Shift	P. Nguyen	[28]

### CLASS 23 - NOVELTY HYBRIDS - SINGLE FLOWER

<b>1st</b>	Paph. <i>rungsurianum</i> x Maudiae	J&S Atwal	[29]
<b>2nd</b>			
<b>3rd</b>			

**2nd**

**3rd**

### CLASS 24 - NOVELTY HYBRIDS - MULTI FLOWER OR BUD

<b>1st</b>	Paph. Chou Yi Angel	B&A Wunderlin	[30]
<b>2nd</b>	Paph. Hatsue Atsuka	B&A Wunderlin	[31]
<b>3rd</b>	Paph. Jogjae	T. Yee	[32]

### CLASS 25 - HERITAGE HYBRIDS

**1st**

**2nd**

**3rd**

### CLASS 26 - OTHER CYPRIPEIDIOIDEAE HYBRIDS

<b>1st</b>	Phrag. Cardinale	L. Shan	[33]
<b>2nd</b>	Phrag. Perseus 'Highclare'	Q.L. Ly	[34]
<b>3rd</b>	Phrag. Perseus 'Highclare'	I&I Chalmers	[35]

### CLASS 27 - HYBRID SEEDLING

<b>1st</b>	Paph. Transdoll	T. Yee	[36]
<b>2nd</b>	Paph. Screaming Eagle x St. Swithin	J&S Atwal	[37]
<b>3rd</b>	Paph. Morris Chestnut	B&A Wunderlin	[38]

### CLASS 28 - SPECIMEN

**1st**

**2nd**

**3rd**

### CLASS 29 - NOVICE SPECIES

**1st**

**2nd**

**3rd**

### CLASS 30 - NOVICE HYBRIDS

**1st**

**2nd**

**3rd**





01



04



08



02



05



09



03



06



10



07



11

- [01] *Paph. haynaldianum*
- [02] *Paph. dianthum fma. album*
- [03] *Paph. haynaldianum*
- [04] *Paph. sanderianum 'Bailey' AM/AOC*
- [05] *Paph. anitum*
- [06] *Paph. wilhelminiae*
- [07] *Paph. moquettianum*
- [08] *Paph. liemianum*
- [09] *Paph. chamberlainianum*
- [10] *Paph. delenatii fma. album*
- [11] *Paph. delenatii*



12



17



22



13



18



14



19



23



15



20



16



21

- [12] *Paph. hirsutissimum* var. *esquirolei* 'Putney Pizzazz' AM/AOC
- [13] *Paph. hirsutissimum* var. *esquirolei*
- [14] *Paph. hirsutissimum* var. *esquirolei* fma. *album*
- [15] *Paph. hainanense*
- [16] *Paph. urbanianum*
- [17] *Paph. urbanianum*
- [18] *Paph. fowlie*
- [19] *Paph. liemianum*
- [20] *Paph. haynaldianum*
- [21] *Paph. liemianum*
- [22] *Paph. St. Swithin*
- [23] *Paph. Paul Parks*





24



29



32



25



30



33



26



27



31



34



28

- [24] Paph. Bengal Lancers
- [25] Paph. Mem. Arnie Linsman
- [26] Paph. Paph Hsinying Rubyweb x Hsinying Cyber Leopard
- [27] Paph. Shin-Yi Heart x (Hung Sheng Bruno x Hsinying Web)
- [28] Paph. Shin Yi Carlos x Red Shift
- [29] Paph. *runsurianum* x Maudiae
- [30] Paph. Chou Yi Angel
- [31] Paph. Hatsue Atsuka
- [32] Paph. Jogjae
- [33] Phrag. Cardinale
- [34] Phrag. Perseus 'Highclare'



[35] Phrag. Perseus 'Highclare'

[36] Paph. Transdoll

[37] Paph. Screaming Eagle x St. Swithin

[38] Paph. Morris Chestnut





Many of you may not know, but our immediate past Treasurer, John McAuley is world renowned for his knowledge on orchids, particularly in the field of nomenclature. He was kind enough to put together a basic guide to help us all to navigate the often tricky science of orchid names!

# BASIC ORCHID *Nomenclature* Part 1

## GENUS

All plants are members of particular plant families, and these in turn are divided into **genera**, which vary greatly in size, some containing a single species, others a few thousand. The scientific names of many plants, particularly wild plants, consist of two words; the first part of this name, the **Generic Name** or **genus name**, gives the genus the plant belongs to. The **first letter** of this first part of the name is always **capitalised**. {i.e Upper-case}.

e.g. *Paphiopedilum*.

## SPECIES

Genera are divided into **species**, the basic unit of plant classification. The second word in a plant's scientific name provides us with this detail and is known as the **specific epithet**, the **first letter** of which should be in lower case.

Both the **Generic Name** and **specific epithet** is normally written in *italics* or very occasionally underlined.

e.g. *Paphiopedilum rothschildianum*

This may be shortened to *Paph. rothschildianum* using the **accepted abbreviation**.

However, once a genus has been mentioned in a text, it may be then be abbreviated to its initial letter when used as part of a species name, (unless it is confusable with another genus beginning with the same letter).

e.g. *P. rothschildianum*.

A **varietal epithet** (third term) is given to a distinctive race or population within a species. It is preceded by a **non-italic** abbreviation of **subsp.** (for subspecies) or **var.** (for variety) both in roman letters.

The varietal epithets are always written in *italics* or occasionally underlined.

e.g. *Paphiopedilum bullenianum var. celebesense*. OR *Paphiopedilum var. celebesense*

## SUBSPECIES

When wild plants are found growing over a wide geographic area, **separate** or **isolated populations** of these plants may acquire slightly different characteristics from the original species, and common throughout the isolated population. These can be distinguished as **subspecies** which is one step below a species.

The emphasis here for determining subspecies, is with the term **'population'**, and being **'isolated'** from the species; thus allowing it to have evolved slightly differently to its higher species, but not enough to warrant specific status.

The word **subspecies** is usually abbreviated to **subsp.** and should not be written in italics, although the subspecies name that follows is written in italics.

(**N.B.** Currently there are no accepted subspecies of any of the Slipper Orchids: *Paphiopedilums*, *Phragmipediums*, *Selenipediums*, *Cypripediums* or *Mexipediums*.)

## VARIETIES

**Populations** with distinct characteristics found through the geographic range of a species, or subspecies, may be recognised as **varieties**. These differ from subspecies as they occur throughout the natural range of the species, creating varietal **populations**, and are seldom correlated with geographical distribution.

Again, the emphasis here for determining varieties, is with the term **'populations'**.

Varieties are usually written abbreviated as var. in lower case and not in italics, although the varietal name that follows is normally written in italics.

e.g. *Paph. primulinum var. purpurascens*

When a variety is described as such, and in order to avoid confusion the higher status of the species will adopt the varietal name corresponding to its specific epithet.

e.g. *Paph. primulinum var. primulinum*

(**N.B.** Currently [Sept. 2024], 15 higher status *Paphiopedilum* species have one or more recognised and accepted varieties. [See Appendix 1 ])

## FORMS

**Individuals** with distinct characteristics found within the geographic range of a species or subspecies may be recognised as **forms** (forma). These differ from subspecies and varieties as they are generally individuals and **not populations**. They can occur throughout the natural range of the species and are not correlated with geographical distribution.

Forms are usually written abbreviated as **f.**, **fma.** or **forma**. Always as lower case and not in italics, but the form name that follows should be written in italics.

e.g. *Paphiopedilum venustum fma. album*

There are many databases and opinions regarding the naming of species. However, most internationally respected botanical institutions, including the Australian Orchid Council (AOC), and the Australasian Native Orchid Society (ANOS), use, or collaborate to the Plants of the World Online database. This database is maintained by the Royal Botanical Gardens in Kew in the UK.

To check the validity of the current accepted naming of species, subspecies, and varieties, one should refer to the Plants of the World Online database of Selected Plant Families: <https://powo.science.kew.org/>.

(**N.B.** As scientific knowledge increases, so the above-mentioned database changes, subject to rigorous checks and approvals. Being as the database is dynamic, it is always wise to check the current status.)

## CLONAL NAMES

A special clone of a species may be given a **clonal** epithet (third or fourth term). It is not Latinised, in italics or underlined. It is in roman, with a **capital** first letter and has **single quotes**. Plants **must** be given a cultivar or clonal name when awarded with a quality or culture award.

e.g. *Paphiopedilum callosum var. sublaeve 'Seville'*

**CLOSING SPECIES COMMENT:** Inexplicably, many orchid growers, nurseries, orchid judges, are either confused, or just don't understand the differences between subspecies, varieties, forms, and even clonal names. Some Taxonomists, describe orchids as having varietal status without publishing evidence of the existence of the species in question, meeting the isolation or population criteria.









*Paph. sanderianum* in its natural habitat. Photographer: Brad Wilson (Flickr)

## Craig's suggestions for successful slipper species

If *Paph rothschildianum* is the King of the genus, then *Paph sanderianum* is certainly the Queen. It has such a fascinating history, In 1885 Frederick Sander sent the German orchid collector Forstermann on a quest to Borneo, Northern Sarawak, to find a particular variety of *Paph stonei*, and as it turned out this variety was in fact a mutant form of the species and didn't actually exist. So in Forstermann intrepid search for this non-existent variety he stumbled across a *Paph* which he automatically identified as something new. The plant while not in flower had distinctive leaves, being fairly long and narrow and having light tessellated marking. A shipment was brought back to the nursery at St Albans, and in the spring of 1886 the first specimens flowered, Reichenbach was called in to describe the new species, being described as *Cypripedium sanderianum* after Heinrich "Henry" Sander. Stein later moving it to the genus *Paphiopedilum* in 1892.

The plants were hardly ever seen in flower and for the most part their only level of existence was from the botanical illustrations that were exhibited at irregular intervals, among these is a record of one in 1889 in The Proceedings of the New South Wales Linnean Society. The plants themselves probably dying in cultivation, these

became enigmatic, to the point where they were even considered by some to be mutant monstrosities or indeed some kind weird hybrid, even as late as 1974. A contributing factor to this was the habit of the nurseries to publish incorrect information as to where plants were discovered, with the first records of this species being noted as coming from the Malayan Archipelago, a complete falsehood. This intended deception was regularly done to ward off potential rival nursery collectors away from these prized orchid locations, particularly from Borneo as it happened. In Borneo they grow at 150m to 600m in crevices on limestone cliffs facing the South East only receiving early morning light. It is said the plants send their roots through the detritus collected in these crevices with their roots only clinging rudimentarily to the limestone.







1978 and plants were finally rediscovered, and as much as it was wonderful to have this species found, these were lusted over and indiscriminately torn from their home. There is even a record of plants appearing in a nursery catalogue for US \$10,000, luckily these plants have been bred and are regularly available nowadays, making the pressure on the natural population far less strenuous. We can count ourselves among some of the luckiest *Paph* growers around, with plants being made available at what are nowadays reasonable prices, and being able to see them benched as was seen at our last meeting. We need to thank the expertise of these growers; Im sure it won't be long before we will see even more of these amazing species with their long curly tresses and elegant stature gracing the benches of our meetings.

Till next time

*Craig Scott-Harden*

### FOCUS ON SPECIES

# Paph. *sanderianum*

		
HARD	POLYANTHA	RARE
<b>DIFFICULTY</b>	<b>SUBGENUS</b>	<b>OCCURRENCE</b>
		
MODERATE SHADE	COOL 22-25 °C	W 40- S 70%
<b>LIGHT</b>	<b>MEAN TEMP</b>	<b>HUMIDITY</b>

### ETYMOLOGY

Named for the violet colour on the petals and blooms.

### DESCRIPTION

This rare species occurs across northwestern Borneo at elevations ranging from 150 - 600m. Found at the top of steep dolomite limestone pinnacles. Blooms are approx 7-10cm wide, with spiraling lateral sepals that can reach a meter in length. stand on 20-30cm long stems with of single flowers. Foilage can reach up to 45cm long, 4-6cm wide. Each growth fan will contain 4-5 glossy light green leaves.

### DISTRIBUTION



### OTHER VARIETIES & FORMS

NIL



*Paph. sanderianum* 'Bailey' AM/AOC; Grown By: B. Wong;  
Photographer: Jane D'Olier

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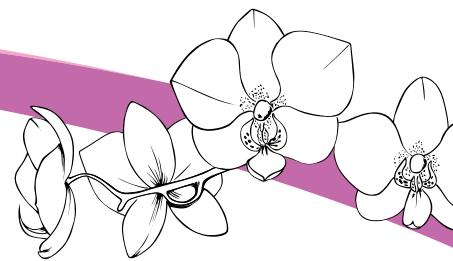
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