

# THE WESTERN AUSTRALIAN ORCHID BULLETIN

THE OFFICIAL JOURNAL OF THE ORCHID SOCIETY OF WESTERN AUSTRALIA  
FOUNDED 1946. A MEMBER OF THE AUSTRALIAN ORCHID COUNCIL.

VOLUME 62 No 8



AUGUST 2022

The next meeting of the Orchid Society of Western Australia (Inc.) will be held at the Manning Senior Citizens Activity Centre, Manning, on **Friday 26 August, 2022.**

**PATRON: Mr. Trevor Burnett**

**PRESIDENT**

Lina Pacca  
Ph. 0419 917 487

**SECRETARY**

Harry Ashton  
harry.ashton@live.com.au  
Ph. 0412 403 696

**TREASURER**

Sheelagh Harman  
sheelagh4@bigpond.com

**REGISTRAR**

Malcolm Davis and Enid Chelva

**BULLETIN EDITOR**

Murray Baker

**FACEBOOK PAGE**

Kirsty Bayliss

**POSTAL ADDRESS**

58 Gladstone Rd  
Leeming 6149

[www.orchidsocietywa.net.au](http://www.orchidsocietywa.net.au)

[www.facebook.com/orchidsWA](http://www.facebook.com/orchidsWA)

**THIS MONTH'S MEETING**

NORM STOCKTON  
DENDROBIUM SPECIOSUM

**SEPTEMBER MEETING DATES**

OSWA Committee: 7:30 pm Friday 2nd  
General Meeting: 7:30 pm Friday 23rd

**INSIDE THIS ISSUE**

|                               |       |
|-------------------------------|-------|
| General News                  | 2-5   |
| Useful online resources       | 5-6   |
| General Orchid Cultural Notes | 6     |
| Minutes                       | 7     |
| Monthly Plant Competition     | 8     |
| Dieback                       | 10-11 |

**We acknowledge assistance from Lotterywest for the printing of this Bulletin**

OSWA disclaims all liability for losses that may be attributed to the use of any material mentioned in this Bulletin. Opinions expressed in the Bulletin are not necessarily those of OSWA.

## General News

### Suppers are back at General Meetings

Now that public health regulations relating to COVID have been relaxed and attitude of the general public to COVID has become mellow, if not blasé, the kitchen is open again at General Meetings and suppers are on again. Donations of snacks for will be gratefully received, and no doubt gratefully consumed.

Of course, if you are still concerned about catching COVID, you should do the usual stuff—wear a mask, use hand sanitiser, practice physical distancing, and feel free to BYO tea/coffee/snacks.

### Birthdays:

August: 28th Nyein Su Myat

September: 4th Nelia Farquhaison; 14th Bob Longmore; 30th Wanda Frantom

Best wishes to anyone else celebrating Birthdays or Anniversaries. To any member on the sick list we wish you a speedy recovery & may you soon be well.

### New Member

Welcome to Lynne Guerini (Margaret River). We hope you have many rewarding years ahead with our Society.

### This month's guest speaker: Norm Stockton

Norm is one of Australia's most knowledgeable experts on native orchids, especially *Dendrobium speciosum*. His knowledge is vast and he seems to know everything about every form and every clone of this iconic Australian orchid species. He speaks of them as if they are close friends...he knows their parents, their offspring, where they live in the wild, what conditions they like, and how they look. Do yourself a favour and don't miss this chance to see Norm speak on one of his favourite topics.

### *Cymbidium* Muriel Duncan (*Cymbidium* Chocolada x Fanfare)

*Cymbidium* Muriel Duncan was named in honour of Muriel Duncan, wife of long time OSWA member Ian Duncan, and was registered by Ezi-Gro Orchids in 1993. The orchid is very special to the Duncan family, but, sadly, the family has lost their remaining plant. If anyone has this orchid or a piece that they would be willing to part with, please contact Murray (0419 129 322 / murray.baker@inet.net.au).

### Spring Show: Kardinya Shopping Centre, NEXT WEEK!

- *Loading the ute for the show:* OSWA Shed, Neil McDougall Park, Como, Sunday 28th August, at 2pm. Access to the shed is via the driveway opposite number 27 Clydesdale Street.
- *Show Setup happens on Tuesday 30th August*, from about 5:30 pm; entries received from 6 pm; judging to start at around 7:15 pm.
- *Show open to public Wednesday 31st August to 4.30 pm Saturday 3rd September.* Plant sales daily.

For setting up, we have been asked to enter the shopping centre via the door near Liquorland and the pharmacy, *not* via the door near Coles and the kebab shop. Roster, Sales Sheets, Entry Cards etc will be available at the August General Meeting. If you don't have perfect plants to enter in the competition, please consider bringing them in for the display. If you don't have any plants for display, please consider coming along anyway, to help set up and pack up the display, or look after the display and chat to members of the public. Also, please consider signing up for a shift or three in the roster to look after our display. No special skills are required, just enthusiasm for sharing your love of orchids with the public. There are a couple of coffee shops in mall and a kebab shop and sushi place near the main entrance if you need sustenance during the day (the kebab shop makes great gozleme and pizza).

If you plan to bring plants for the display, show, or sales table, please do not water them on the day you are going to bring them in.

## Visit to Floraplant Nursery

Where: 822 Rowley Rd, Oakford

When: Saturday 10 September, from 9 am sharp.

Trevor has arranged for an OSWA visit to Floraplant Nursery on Saturday 10 September, starting at 9 am sharp. The Floraplant people have very few times when they are able to host visitors, so we are lucky to have this opportunity. This event has been very popular in the past.

Floraplant has expanded from orchid production towards other interesting plants—indoor plants, bromeliads, aroids, succulents, and even carnivorous plants—but they still grow orchids as well! Plants will be available for sale, but Floraplant does not accept Eftpos so bring cash to make purchases. Floraplant has done us a big favour by letting us visit and gives us very good prices. Please do not haggle or attempt to negotiate further discounts. This visit cannot accommodate a large group, so it is only open to financial members of OSWA. Non-members and non-financial members cannot attend without express permission from the OSWA committee prior to the event.

## Goings on in October

The past month has been busy and the busy-ness will continue into November. In October, we have our **Potting Workshop** on Sunday 16th October, and then the **Perth Garden Festival** on 27-30 October (with setup on 26 October). A couple of members who usually help out at these events will be away during October so we will need some new faces to help out this year. The Potting Workshop is a great opportunity to hang out with fellow orchid enthusiasts, share your knowledge with members of the public, and learn new potting skills and techniques. The Perth Garden Festival is like the Perth Royal Show, but for plants, with plants of all sorts for sale. Members who help out at the OSWA stall will get free entry to the event (worth twenty bucks or so). No special knowledge or skill is required for helpers at either event. Both events are very rewarding.

## The Complete Orchids of Western Australia

Andrew Brown, well-known Western Australian orchidologist, has just completed a two-volume set of books *The Complete Orchids of Western Australia*. The first printing was well-received and Andrew is organising a second printing. Anyone interested in a copy can contact Murray (0419 129 322 / murray.baker@inet.net.au) for further details.

## Neutrog Spring Orders

Neutrog orders are due to be delivered to Murray and Arni's place on Friday 2 September. If you placed an order, Murray will contact you to arrange a pickup time as soon as he has checked the delivery.

## Looking for native orchids in the bush?

This is the time of year when the Western Australian bush comes alive with spring wildflowers. Amongst the wildflowers, terrestrial orchids are abundant. Apparently the donkey orchids are out already, while spider orchids will be out soon. Orchids can be seen in many bush reserves including Kings Park and Wireless Hill and fragments of bush around Leeming and Ferndale. If you plan to trek through bushland to look for orchids in the wild, keep in mind that dieback, which can be spread by bushwalking, poses a serious threat to Australia's biodiversity. See the info at the end of this bulletin for tips on how to prevent the spread of dieback.

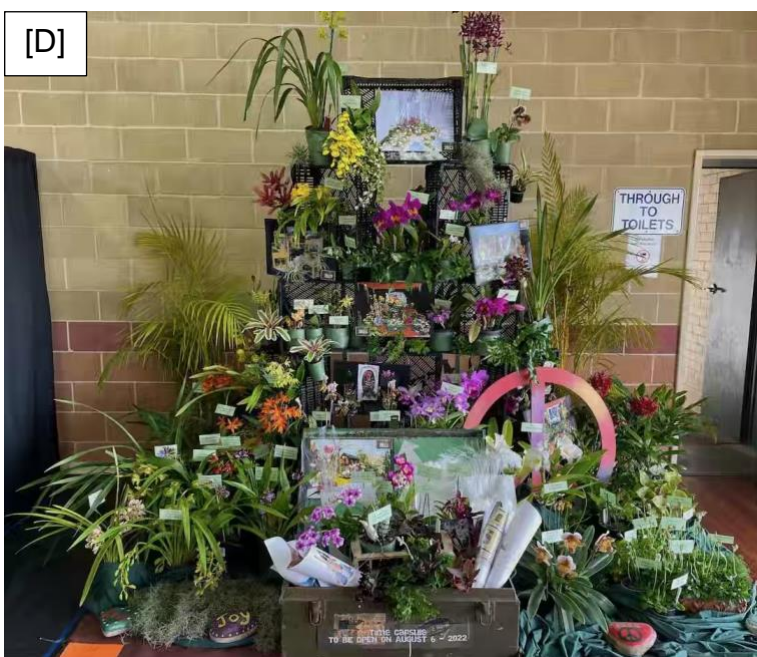
## Intersociety Orchid Display and Workshop 2022 -- Thank you.

Thank you to all who helped with OSWA's contribution to the Intersociety Orchid Display and Workshop in Busselton by loaning plants, transporting plants to and from the venue, attending the event, helping to set up and pack up the display, etc, etc. As always, the ISODW was enjoyed by all who attended. Busselton and Districts Orchid Society did a fine job to put on the event. The dinner in Saturday night was a highlight, with Harry taking the honours for the highest bid for an orchid at the auction.

As usual, ISODW included competitions for best display and best benched orchids. In the display competition, Northern Districts Orchid Society and South Eastern Orchid Society tied for first place.

South Eastern Orchid Society deserves special commendation because their display partly collapsed on Saturday afternoon after the judging, but the SEOS folks managed to put it back together almost perfectly on Sunday morning before the show opened to the public at 9 am. In the benched plants competition, points were awarded for orchids that received a 1st (3 points), 2nd (2 points) or 3rd (1 point) in their class. OSHA scored the highest raw score but the competition is a handicap event, and after taking into account the handicap, Bunbury Orchid Society was the overall points winner, with OSHA and Busselton and Districts Orchid Society equal in 2nd place. This excellent result would not have been possible without the support of the many members who loaned plants for the ISODW, and to Barbara, Trevor, Harry, Lina, Jacqui, Eric, and Courtney, who put the display together, and Trevor and Maxine, coordinated the benching.

*Photos from ISODW. [A] Barbara busy during setup of the OSHA display. (There were other people there helping, even though you can't see them in this picture!) [B] The completed OSHA display. [C] The completed display from Northern Districts Orchid Society. [D] The completed display from South Eastern Orchid Society (before it had to be re-built). Photos [A] and [C] courtesy of Lina Pacca.*



## Intersociety Orchid Display and Workshop 2023

At the Busselton ISODW, OSWA accepted the role of organising the ISODW for 2023. Trevor and Barbara and their helpers have already been on the job to book a venue for the ISODW orchid displays and the ISODW dinner. As usual, Trevor arranged a good deal. More info about ISODW 2023 in future bulletins and general meetings.

## Containers for Change — OSWA's member number is C10681175

*Containers for Change* is a program designed to encourage folks to return recyclable drink containers (anything that has the 10c deposit info written on the label) to a collection centre. The 10c deposit on each container can then be donated to a worthy organisation. OSWA now has a member number for *Containers for Change*. If you like to recycle your drink containers, you can help OSWA at the same time by dropping off your containers at a *Containers for Change* collection place and donating the proceeds to OSWA. Just quote OSWA's member number, C10681175, when you drop off your containers. There is more info about the scheme at <https://member.containersforchange.com.au/wa/>, and if you received this bulletin in an email, there is more info in that email.

## Upcoming Events for your Calendar

- **Kardinya Spring Show:** Setup, Tue 30 August; Show, Wed 31 August to Sat 3 September.
- **Floraplant Nursery Visit:** Saturday 10 September, starting 9 am sharp.
- **Potting Workshop:** Sunday 16 October
- **Perth Garden Festival:** 27-30 October (setup 25 and 26 October?)
- **Late Flowering Orchid Display:** 12 and 13 November (Saturday and Sunday)
- **Home visits?** Let Harry or Lina know if you would be happy to host a home visit.
- **Christmas Dinner:** Bentley Pines (same as last year), 9 November 2022, from 7 pm.

## Where to buy orchids and orchid-related paraphernalia

We are compiling a list of vendors that sell orchids or orchid-related items (pots, stakes, watering equipment, benches, shade houses, shade house covers, special shade cloth, devices for climate control...). If there are things that you'd like for your orchid hobby but don't know where to get them, let Murray know and he will do his best to track down a supplier (or at least find someone else who can track down a supplier). The list of vendors will eventually be published in the bulletin and/or on OSWA's webpage...I promise.

---

## Useful online resources

Since it is taking the Editor a long time to sort out a list of where to buy orchids and orchid-related paraphernalia, here is a short list of websites that may be interesting to members in the meantime.

<https://powo.science.kew.org>

This site is *Plants of the World Online*, maintained by Kew Gardens. It is the definitive database of plant names and often includes pictures and info about distribution of plants in the wild, common names, and other stuff. Plants (not just orchids) can be searched for by common names or scientific names. It contains data for species only, not hybrids. It currently contains 1,234,000 plant names, 140,400 detailed descriptions, and 367,600 images, accumulated from the last 250 years of botanical research and exploration.

<https://apps.rhs.org.uk/horticulturaldatabase/orchidregister/orchidregister.asp>

This is the definitive database for orchid names. The database can be searched by orchid name or partial name, or by parentage. At its simplest, the database can be used to check spelling of names of orchids (I use it every month to check names of plants entered in the monthly plant competition). At a more sophisticated level, the database can be used to find the parents and registration details for a particular hybrid orchid, or the progeny of a particular crossing (paying attention to which parent supplied

the pollen and which parent produced the seeds). The database is most useful for hybrids, but it also has names of species orchids.

<https://www.orchidroots.com>

This database is a bit like an online version of the orchid database program Orchid Wiz. It provides information about species orchids (distribution, photos, progeny) and hybrid orchids (photos, parentage, progeny). The parentage information is interesting...it includes family-tree type info, which allows you to track the parentage of a particular hybrid back to species orchids, and it also presents parentage in percentage terms. This info can be handy — if you want to know conditions that will likely suit a particular hybrid, you can make an educated guess based on the conditions that the dominant species in the hybrid's parentage would experience in its natural habitat. It isn't quite as good as Orchid Wiz (which contains cultural information and awards information for orchid species and hybrids), but since Orchid Wiz is being discontinued from December 2022, [www.orchidroots.com](http://www.orchidroots.com) will become an increasingly important resource for orchid enthusiasts.

<http://www.orchidspecies.com>

This database is probably my favourite. It currently contains info on 24,698 species in 865 orchid genera, and is being continuously updated. Info included ranges from orchid names and photos to distribution of the orchid in the wild, descriptions of taxonomy and natural habitat, and detailed referencing to original scientific literature. So, if you have a hybrid that you are having trouble growing, consult <https://www.orchidroots.com> to find out its species parentage, then consult <http://www.orchidspecies.com> to find out the conditions that would best suit the species parents, and try to mimic those conditions in your own orchid growing area.

Social Media (YouTube, Facebook, etc)

I tend not to use social media, but occasionally when googling I find links to very useful info on YouTube. For example, if you google "springfield orchids site:youtube.com" the top hit is a link to a video by Nado Lenkic about repotting cymbidiums. Nado is the owner of Springfield Orchids (in Kalamunda). He specialises in cymbidiums, and while his video is an excellent introduction to repotting cymbidiums, many of the principles he demonstrates are applicable to repotting in general. If you google "lynn brooks orchid youtube" the top hit is a link to Lynn's own YouTube channel (which is, of course, about orchids).

As to Facebook, well, I don't understand that at all, even though OSWA has an excellent Facebook page (<https://www.facebook.com/orchidsWA>, thanks Kirsty!). Keng Leow understands Facebook better than I, and found an informative video there about how to pot keikis and keep them stable in the pot: <https://www.facebook.com/groups/orchidstipsandtricks/permalink/2360500377424541> (or if that is too long, you can use <https://tinyurl.com/keikikeiki>). The method demonstrated in the video is pretty cool, and I will definitely be trying it myself. I am sure there is lots of other good stuff on Facebook, but explaining how to get at it is a job for someone else.

---

## GENERAL ORCHID CULTURE NOTES FOR DJILBA (APPROX. AUGUST/SEPTEMBER)

The Orchid Society of Western Australia would like to acknowledge that our meetings are held on the traditional lands of the Noongar people. Unlike climate descriptions in terms of the four seasons in the European calendar, the Noongar people describe the climate of Western Australia's South West as having six seasons, guided by what is happening and changing around us, rather than specific 'dates' on a calendar. This approach to describing Perth's climate is helpful for guiding our orchid related jobs for the year. Djilba (approx. August/September) is known as the 'first spring'. While weather can still be cold and wet, we begin to experience longer hours of daylight and an increasing number of pleasant warm days. The West Australian landscape bursts into life with wildflowers (including our spectacular native terrestrial orchids) and this floral display corresponds with peak flowering season for the orchids we grow. It's a busy time of the year, with many orchid-related shows and events!

We are heading into the second month of Djilba. Culture notes for Djilba were published in the July Bulletin and will not be reproduced here. One thing that has become apparent since July though is that black hairy caterpillars are rampant this year, and they love to feast on orchid blooms. Keep an eye out for those babies, especially if you don't have your orchids in an enclosed shadehouse.

### The Orchid Society of WA (Inc.)

#### Minutes of the General Meeting held in the Manning Senior Citizens Activity Centre, Manning, on Friday 22nd July

**Welcome:** 7:40 pm

**Apologies and attendance:** As per register

**Minutes:** Moved Arnold, seconded Alan R that the minutes of the previous meeting be accepted. Carried.

**Presentation:** Neutrog Products by Brian Klepzig

**New member introductions:** Lynne

**Correspondence:**

24/6- from Audrey Griepel re garage sale 27/6- from Trevor re info on Quebelok 27/6- to GCA form 4 submitted 26/6- emailed South Coast NRM re permission to use dieback info 28/6- from AOC re: AOC membership 29/6- from POF re: POF cancellation 30/6- to Busselton OS, dinner registration 3/7- from OWA, membership fees 5/7- received KW flask list 8/7- email from Charles Lee enquiry re WOC 8/7- from Brett Moloney r: Ecuagenera flask list 13/7- from OWA re change of date 17/7- from Busselton OS confirming dinner choices 18/7- from AOCC, exhibitor number request forms 18/7- from Jenine re home open orchid sale 19/7- from OWA re directors insurance 20/7- from Alan re VCR update

**Business arising from correspondence**

- Kevin Western is bringing flasks to the ISODW. His contact details: phone or text to [0410642215](tel:0410642215) (he prefers text) or email to [westernorchids@icloud.com](mailto:westernorchids@icloud.com).
- Ecuagenera flask list - if interested let us know and we will provide details. Deadline for orders 6<sup>th</sup> August
- Perth Orchid Fair is back on. We are not putting on a display but members are invited to participate. Venue has changed to John Septimus Roe- same dates (20-21<sup>st</sup> August)

Moved Harry, seconded Valerie that the business arising from correspondence be accepted. Carried.

**Reports:** Nil

**Financial report:** Deferred to August meeting

**General Business:**

- **Intersociety Orchid Display and Workshop in Busselton-**  
Who is coming? Murray, Arni, Courtney, Lina, Maxine, Jacqui, Eric, Trevor, Barbara, Courtney  
Who is not coming but may have plants for us to bring? Please contact Trevor and let him know the names so we can produce tags.
- **Bulletin exchange program** – we're looking at setting up a bulletin exchange program where we exchange newsletters with other orchid societies. If you are interested in being on this mailing list please let Harry know by email (don't tell me in person or I will probably forget)
- **Trailer towing-** OSWA Spring Championship is coming up, and we are in a situation where we require someone with a tow bar to tow our trailer. The trip is about 15 minutes, but if it's easier we can arrange for you to pick up the trailer at an earlier date and keep it at your house in the days prior to the show. The trailer needs to be at Kardinya Park Shopping Centre at 5pm on Tuesday 30<sup>th</sup> August. Jenny and Enid kindly indicated they may be able to assist.
- **New Grower Incentive Scene Participation** – new OSWA members are encouraged to bench plants at our monthly meetings. Members in the second, third and fourth year as OSWA members collect points from benching plants, and at the end of the year the grower in each year with the most 'points' will be awarded a quality, flowering sized plant from the OSWA stockpile.
- Tara, Keng to help with sales table.
- **Events calendar 2022**

Intersociety Display and Workshop – August 6<sup>th</sup>-7<sup>th</sup> in Busselton

Kardinya Spring Show Tuesday- planned August 30<sup>th</sup> – September 3<sup>rd</sup>

Flora Plant Visit- September 10<sup>th</sup> 9am sharp

Potting Workshop –October 16<sup>th</sup>

Perth Garden Festival – October 27<sup>th</sup>-30<sup>th</sup>

Christmas Dinner at Bentley Pines- November 9<sup>th</sup> 7pm

Late Flowering Orchid Display –November 11<sup>th</sup>-13<sup>th</sup>

**Raffle:** Leeana, Glyn F, Betty S, Sheelagh H, Leena P, Harry A, Cheryl C, Mal, Jenny M, Alan R

**Open popular vote:** Courtney with *Dendrobium* Hilda Poxon, which has featured in our popular vote winners for the second month in a row!! Courtney's plant is *Dendrobium speciosum* 'Palmerston' x *Dendrobium tetragonum* var *giganteum*. Courtney has had this plant since 2015, was in a 100 mm pot at the time. Courtney gives his plants a teaspoon of Seamungus pellets, followed by a teaspoon of Strike Back pellets a month later. In addition, Courtney gives very dilute liquid fertilizer with every watering.

**Novice popular vote:** Enid Chelva with *Cymbidium* Gene Siskel 'Daddy Long Legs'. Enid learned her fertilizing regime from Courtney, and uses the same regime for the pellets, but doesn't have quite as much time to use the liquid fertilizer. This plant was one of Enid's three free orchids when she first joined the club.

**Door Prize:** Trevor B

**Meeting Closed** at 9:30 pm

**MONTHLY PLANT COMPETITION (JULY 2022)**

**OPEN**

|     |     |   |                 |  |
|-----|-----|---|-----------------|--|
| 1A  | (1) | 1 | Harry Ashton    | <i>Epidendrum elongatum</i>  |
| 1B  | (3) | 1 | Courtney Rogash | <i>Brassolaeliocattleya</i> Dream Trader   |
|     |     | 2 | Malcolm Davis   | <i>Brassolaeliocattleya</i> Pastoral 'Innocence'                                 |
|     |     | 3 | Courtney Rogash | <i>Brassolaeliocattleya</i> Plumb Island 'Newberry'                              |
| 1C  | (1) | 1 | Valerie Cooper  | <i>Blc.</i> Momilani Rainbow 'The Gypsy'   |
| 1D  | (1) | 1 | Harry Ashton    | <i>Cattleya</i> Hawaiian Splash 'Lea'  |
| 2E  | (1) | 1 | Malcolm Davis   | <i>Cymbidium</i> Pharaoh's Dream   |
| 8B  | (1) | 1 | Courtney Rogash | <i>Dendrobium</i> Hilda Poxon ( <i>Den. speciosum</i> x <i>Den. tetragonum</i> ) |
| 11B | (1) | 1 | Harry Ashton    | <i>Bulbophyllum</i> Elizabeth Ann 'Buckleberry'                                  |

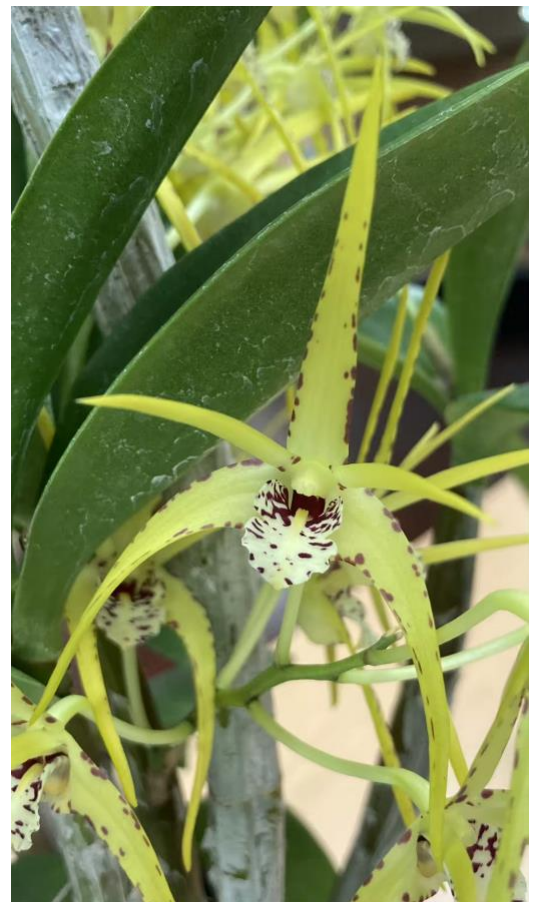
**NOVICE**

|     |     |   |                   |  |
|-----|-----|---|-------------------|--|
| 16D | (2) | 1 | Enid Chelva       | <i>Cymbidium</i> Unknown                       |
|     |     | 2 | Cheryl Compagnone | <i>Cymbidium devonianum</i>                    |
| 16E | (1) | 1 | Enid Chelva       | <i>Cymbidium</i> Gene Siskel 'Daddy Long Legs' |
| 18C | (1) | 1 | Enid Chelva       | <i>Dendrobium</i> Unknown                      |



Novice Popular Vote

*Cymbidium* Gene Siskel 'Daddy Long Legs'  
grown by Enid Chelva.



Open Popular Vote

*Dendrobium* Hilda Poxon  
grown by Courtney Rogasch



# Spring into Action with Sudden Impact for Lawns + **POPUL8!**



Sudden Impact for Lawns now comes coated with Neutrog's highly anticipated advanced biological POPUL8!

Sudden Impact for Lawns + POPUL8 is a dual-purpose product designed to both stimulate growth and simultaneously fight pathogenic disease on all types of lawns, hedges, and trees.

The balance of nutrients and microbes is the secret to the success of Sudden Impact for Lawns + POPUL8. The ratio of nitrogen and potassium is ideal for promoting growth, the levels of iron and magnesium have been boosted and the 240+ microbes in POPUL8 help with nutrient liberation, disease suppression and growth promotion.

For more information,  
head into your local  
garden centre or nursery.



**NEUTROG**<sup>®</sup>  
Biological Fertilisers

Neutrog Australia Pty Ltd Free call 1800 65 66 44 [neutrog.com.au](http://neutrog.com.au)

PHYTOPHTHORA  
**DIEBACK**

# DIEBACK

## HYGIENE GUIDELINES

EVERY STEP COUNTS - KEEP YOURS CLEAN



Dieback affected community

### Understanding Dieback and Hygiene

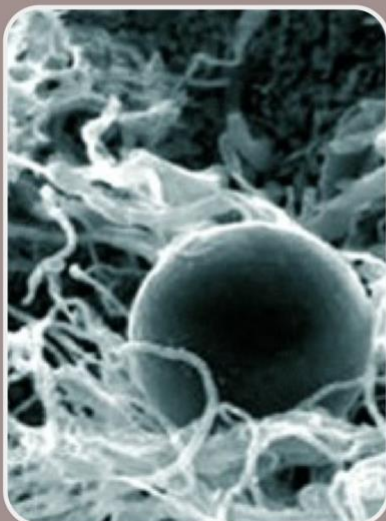
**Bushwalking, driving or field operations in bushland areas have the potential to spread dieback.**

Dieback (*Phytophthora cinnamomi*) is a plant pathogen that originated in the Asian tropics. It is recognised as one of the key threatening processes to Australia's biodiversity.

Dieback lives in soil, water and plant material. It attacks roots restricting the uptake of water and nutrients. Its thread-like vegetative mycelium feeds on and destroys plant cells. This kills the plant.

The pathogen produces different microscopic spores; short-lived swimming zoospores during warm moist conditions and long-lived dormant spores that can survive in dry conditions and after fire.

**BE  
CLEAN  
IN THE  
GREEN**



Chlamydospore in mycelium

### People Spread Dieback

Human activity causes the greatest spread of dieback. Road building and maintenance, mining, off-road driving, bushwalking and gardening can introduce and spread the pathogen through infected material. Dieback can then spread quickly downhill in water and slowly by growing from root to root.

Strict hygiene and effective management are essential to minimise the risk of dieback spread. In most cases, removing all mud and soil from footwear, vehicles, machinery and equipment minimises the risk of spreading the plant pathogen.

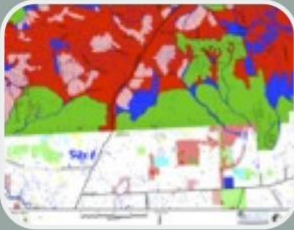
Community, industry and government are working together to control the spread of dieback. The following guidelines provide information on the most effective ways to "be clean in the green".

**DON'T  
SPREAD  
THE  
RED**

# HYGIENE GUIDELINES

EVERY STEP COUNTS - KEEP YOURS CLEAN

## PLANNING & PREPARATION



### Consider your risk of Spreading Dieback

Will your activity involve any movement of soil or plant material?



- Schedule activities for low rainfall months and avoid wet or muddy conditions.
- Be aware of Dieback Free and Infested areas prior to activities.
- Inspect and clean vehicles, equipment and footwear before entering bushland.
- Prepare a dieback hygiene kit.
- Stay on established roads and tracks.
- Do not enter dieback restricted areas and be aware of dieback signage.
- Ensure all soil or plant material is sourced from dieback free certified pits and nurseries.
- Seek up to date information and further advice at [dieback.net.au](http://dieback.net.au)
- Strategic mapping also available at [didms.gaiaresources.com.au](http://didms.gaiaresources.com.au)



## CLEANING & STERILISING



### Footwear & Equipment

- Use boot cleaning stations where available and use a dieback hygiene kit when entering and exiting bushland.
- Try to remove mud and soil when it is dry with a brush.
- Spray 70% methylated spirits on footwear and equipment after brushing and ensure they are dry before moving on.

### Field Hygiene Kit

Prepare and carry a hygiene kit in packs and/or vehicles to help keep footwear, vehicles and equipment clean.

#### What to have in your kit...

- Brush (e.g. scrubbing brush, pick & brush)
- Sprayers (e.g. hand sprayer, garden pressure sprayer).
- 70% Methylated spirits or approved sterilant.

### Vehicles & Machinery

#### Dry Clean

- If possible, clean vehicles and machinery when dry with compressed air, spade or brush before leaving home or depot. Dried mud and soil will be easier to remove without the use of water. Consider where infested soil will end up.
- Pay particular attention to wheels, mud flaps, undercarriage and floor mats.

#### Wash-down

- Use wash-down station or pressurised spray unit to remove any remaining soil, mud and plant material.
- Wash-down on a hard, well drained surface in low lying areas (e.g. road, ramp or grate) and designated clean down points when entering dieback protection areas. Consider where runoff will drain.
- Use approved sterilant in wash-down water.
- Do not drive through wash-down effluent.



South Coast Natural Resource Management Inc  
 Phone: 08 9845 8537  
 Email: [info@southcoastnrm.com.au](mailto:info@southcoastnrm.com.au)



Department of Environment and Conservation  
 Our environment, our future



STATE NRM PROGRAM

This project is supported by funding from the Western Australian Government's State NRM Programme

Published July 2013