



WANOSCG

The Official Bulletin Of The
Western Australian Native Orchid Study &
Conservation Group



Issue 9 - Nov 2022

IN THIS ISSUE:

- President's Musings
- ADORP NEWS
- Rediscovery of the Lost Hammer Orchid
- Orchid of the Month
- Orchid Lucid Key Update
- Southern Rivers Group Field Trip Report
- WANOSCG – Photo Competition 2022
- Orchids Flowering This Month
- Notice of Next General Meeting
- Copyright & Disclaimers

WANOSCG Management Committee:

President:	Jon Warren
Vice president:	Ramón Newmann
Vice President:	Andrew Brown
Secretary:	Pat Richards
Treasurer:	Jay Steer

Ordinary Committee Members:

John Ewing, Debbie Proudfoot, Kevin Uhe,
Graham Warren & Peter Proudfoot.

Subsidiary Positions:

Field Trip Coordinator:	Graham Warren
Metro Field Trip Coordinator:	Christine Lock
Conservation Officer:	John Ewing
Membership Officer:	Jay Steer
Branch Liaison Officer SRG:	Jon Warren
Bulletin Editor:	Annie Bowerman
Librarian:	John Ewing & Alison Higgins
Supper Coordinator:	Trish Newmann
Website Administrator:	Ramón Newmann
Facebook Administrator:	Graham Warren & Nathan Piesse

President's Musings

WANOSCG's final meeting for the year

As the year comes to an end remember there are always orchids to be found somewhere well into summer. However, our meetings do come to an end over summer and your committee takes a well-earned rest. Well sort of, as planning for next year starts straight away. As is required in the constitution all committee positions finish each year and you must formally nominate each year if you wish to take up a committee or subsidiary position.

Nomination forms are on the Members Only section of our web site or can be requested via wanoscg@gmail.com.

Indications to date indicates membership interest in the positions of President, Vice President and Treasurer as well as two of the five committee positions. This doesn't mean any of the positions are filled as all are still contestable.

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Email: wanoscg@gmail.com Website: www.wanoscg.com

Postal: PO BOX 323 VICTORIA PARK WA 6979

Indications to date are of membership interest in the positions of President, Vice President and Treasurer as well as two of the five committee positions. This doesn't mean any of the positions are filled as all are still contestable.

However, one role that we **desperately need filling** is that of Secretary. Pat has done a marvellous job over the past seven years with the last two being taken on despite wanting a break because no one else volunteered and with no secretary there is no WANOSCG.

However, Pat really does deserve a break so don't sit on your hands hoping she will volunteer again. Anyone interested in taking on the role of secretary please contact me via wanoscg@gmail.com to discuss possible ways of delivering service including sharing the role. There are also several subsidiary positions you may be interested in volunteering for with the positions also listed in the membership section of our web page.

Again, one way to lessen the work load for any of these positions is to share the role with someone else. Nominations have to be in with the current management committee by 15 February 2023 but hey, why wait – nominate now.

For those members who aren't able to take on committee roles but want to contribute in a smaller way three areas immediately spring to mind and would benefit from two or more members taking on the roles.

1. Impact of development proposals on orchids. Monitor the Environmental Protection Authority site.
2. Impact of land clearing on orchids. Monitor the Department of Water and Environmental Regulation site for land clearing permit requests.
3. Impact of fires on orchids. Monitor DBCA's prescribed burn site and Emergency WA's sites.

For the first two, if you see something that may need attention, simply forward to the management committee who will decide the best course of action. For the fires, keep records of burn locations that will be amalgamated into a burns list for next orchid season.

One more item for your consideration over the summer. The **WANOSCG Award** is awarded to a member of the group who has gone above and beyond to contribute in some way to the success and well-being of WANOSCG and its members. We are therefore requesting you to put on your thinking caps and let us know who you think has made an outstanding contribution to benefit the group.

Traditionally the WANOSCG Award has been made at the Annual General Meeting of which the next is currently scheduled to take place on 15 March 2023, but submissions need to be with the management committee by 15 February 2023, for consideration at their yearly planning meeting.

Finally, it is fabulous to see so many excellent articles with superb photos being submitted for the bulletin, so many in fact that sizing and email issues has made it impossible to fit them all in the November bulletin.

Therefore, it has been decided to run a special December edition to ensure all submitted articles are published and to give members something to read over the festive season. Wishing you all a joyful festive season and a healthy and wise new year full of orchid surprises.

Jon Warren

ADORP NEWS

It is hard to believe that the orchid season is nearly finished for another year, though there are a number of surveys still to happen for the late season species. Once again, the ADORP teams have located a number of new populations this year, both for Priority and Threatened orchids, as well as continuing to survey known populations. Most species surveyed to date have shown an increase in plant numbers this year, possibly due to the very wet winter in 2021.

A number of species had large numbers of plants this year with a few exceeding over one thousand plants which required many hours of counting. That teams preserved to count such a large number is a credit to those involved.

A number of ad hoc surveys have been carried out with some species only flowering after summer fire. This gives the opportunity to record new locations for some of these species which have few known populations.

Finally, thanks as always to the many hard working ADORP members who willingly give many hours of their time to ensure that surveys are carried out each year. That ADORP continues to be a success is credit to all involved.

Kevin Uhe

ADORP NEWS Cont'd...

Collie Surveys with DBCA (Tuesday October 11th and Wednesday 12th 2022)

Following last year's successful joint survey with DBCA around the Collie area, a two-day survey was planned this year.

Over the two days, 11 members participated to survey for the Late Hammer Orchid (*Drakaea confluens*) (right) and the Frail Spider Orchid (*Caladenia uliginosa* subsp. *patulens*). Day one found the eight members searching an area for the Late Hammer near an area where a new location was found in 2021. A small number of plants were found much to the delight of members who had not seen this species before.

After lunch a long search was made through another likely habitat without finding the target orchid and the day finished with a search in a smaller area which once again resulted in no sign of the elusive target.

The following day seven members met at Wellington Dam to look at an area where the Frail Spider had been seen and reported the previous year. The group split into three to cover the area more effectively, with one group finding a new location and another group verifying a location that was reported last year.

The terrain is quite challenging for searching and after lunch members were pleased to know that the afternoon session was one which was able to be driven into. Whilst no more target orchids were found, the group was treated to some amazing scenery and a large granite outcrop to explore. Both the DBCA officers and the WANOSCG members felt that the surveys were a great way to foster relations and it is hoped that this will become an annual event going forward.

Kevin Uhe



In Addition...

Thelymitra magnifica upgraded to Threatened

In the September 30th Government Gazette *T. magnifica* has been listed as Threatened, which now gives this species legislative protection under the *Biodiversity Conservation Act*.

T. magnifica has a very limited range and has a number of processes which currently threaten the viability of this species, so it has been listed as critically endangered.

The listing is a welcome reward to Bob and Jay Steer who have undertaken many surveys since 2011 to provide the necessary data to enable Jay to put together a successful nomination for Threatened status.

REDISCOVERY OF THE LOST HAMMER ORCHID *DRAKAEA ANDREWSIAE*

This story began in late September 2021 when Mary and I visited the Cranbrook Wildflower Show which had a small display of orchids.

I noticed that some of the orchids seemed to be a bit 'different' in their own way so I asked the supervisor for the name of the person who had set up the display.

She advised that it was organised by "Bill and Joan Smith" who were not only knowledgeable about orchids but had a large number of them growing on virgin land on their farm.

She kindly gave me Bill's phone number and I arranged to visit them in mid-September 2022. I mentioned the proposed visit to David Lawson and he offered to come with me so, on 16th September this year we duly arrived at the "Smith" farm where we were welcomed with a great morning tea.

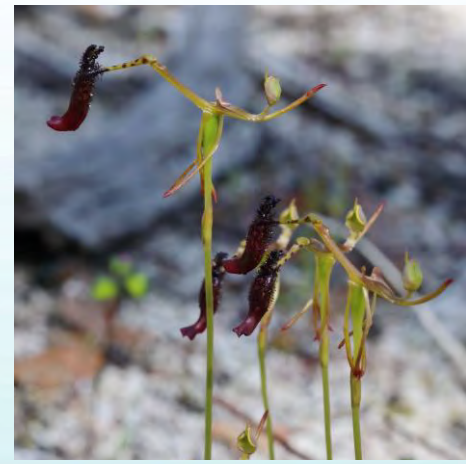




The first place we were taken to was a bush block on their neighbour's farm (permission to take us on the area was requested by the "Smiths"). Orchids were everywhere but there was nothing "different" to be seen.

Bill then mentioned that he would like to show us a small flowered dark red wispy spider orchid which he hadn't been able to identify.

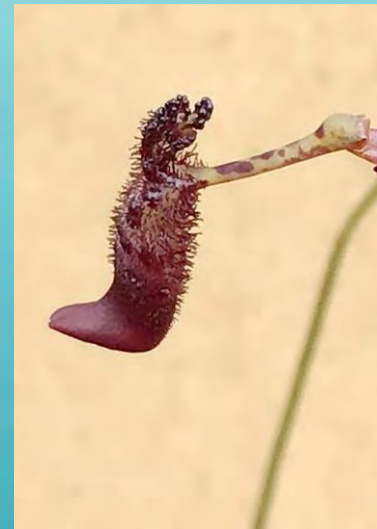
It grew in good numbers and both David's and my first reaction was that the orchid was a "new species".



Above & right *D. andrewsiae*;
Left & below *C. erythrochila*

I took two specimens back to show Andrew and after comparing them to other similar species at the Herbarium he was able to come up with the fact that it was indeed *Caladenia erythrochila* – the Lake Muir Blood Orchid, a species which had been considered too rare and endangered.

We thought that was exciting enough but there was more to come. After we had taken a number of photos Bill said



he would like to show us a Hammer Orchid which he felt was a bit different. It certainly was different! David and I hadn't seen it before so we again took plenty of photos and went away to think about it. David was the first to come up with the answer when he looked at Andrew's latest edition of *The Complete Orchids of Western Australia*.

In it were some photos of pressed specimens of *D. andrewsiae* with the description that the orchid was like a slender Warty Hammer Orchid which was densely hairy. I agreed completely, as did Andrew when I showed him my photos. Andrew showed David's photos to Steve Hopper who visited the farm and confirmed that the orchid was *D. andrewsiae*.

The orchid was originally brought to the attention of Ron Heberle and Herb Foote some 30 years ago. Before leaving Cranbrook David showed me a new form of *Caladenia uliginosa* (left) which is, as yet, still to be named. It was a great day – one which David and I will remember for all time.

Noel Hoffman

Orchid of the Month – November

Diuris sp. “Albany Highway late” (Late Bee Orchid)

This month I am deviating from the usual formally named species for “Orchid of the Month” and instead have included an undescribed Donkey Orchid species that I am hoping members will find in some new areas.

Diuris sp. “Albany Highway late” is a little known, possibly rare species 250–400 mm high with two to four narrow, dull green basal leaves 70–150 mm long by 1–1.5 mm wide and an erect inflorescence of up to five yellow, brown marked flowers 9–12 mm across, characterised by their tapering dorsal sepal, oblong to elliptic petals, narrow, forward projecting lateral sepals and tri-lobed labellum with small, spreading lateral lobes and an elongated, convex midlobe.

The species is closely related to Bee Orchid (*Diuris laxiflora*) but has smaller less darkly marked flowers and a generally later flowering period, beginning as that species is finishing. It is also related to Common Bee Orchid (*D. decrementum*) but is distinguished by its less rounded petals and narrower, more prominently convex labellum mid-lobe.

Unlike *D. decrementum* it is rarely found growing in clumps and flowers much later, beginning well after *D. decrementum* has finished. Flowering is from late October until early December with peak flowering in early to mid-November.

The species is currently known from a single locality between Jarrahdale and Williams, growing in sandy-clay and clay soils in a seasonally wet flat and it would be great if members can find it in some other areas.

I suggest looking in similar habitat along the Albany Highway between Armadale and Williams and perhaps also east and west of that area.

Andrew Brown

Diuris Sp. “Albany Highway late”



Diuris Sp. “Albany Highway late” close-up of flowers.



Orchid Lucid Key update - Ramón Newmann, Registrar

The development of the WA Native Orchid Lucid Key has made good process over the past few months and is on schedule for it to be ready during 2024, WANOSCG's 50th year.

The initial development of the key has been with 127 species to date and is up and running as an initial trial key. It's certainly looking promising! (See accompanying screen shot.)

Of the 520 native orchid species for WA, approximately 1/3 (166) have had their features/characteristics tabulated and are either in the key or ready to go into the key; and 2/3 (354) have yet to be processed. These outstanding 354 species comprise the Big 3 genera (*Caladenia*, *Pterostylis*, *Diuris*) plus the 21 Kimberley orchids.

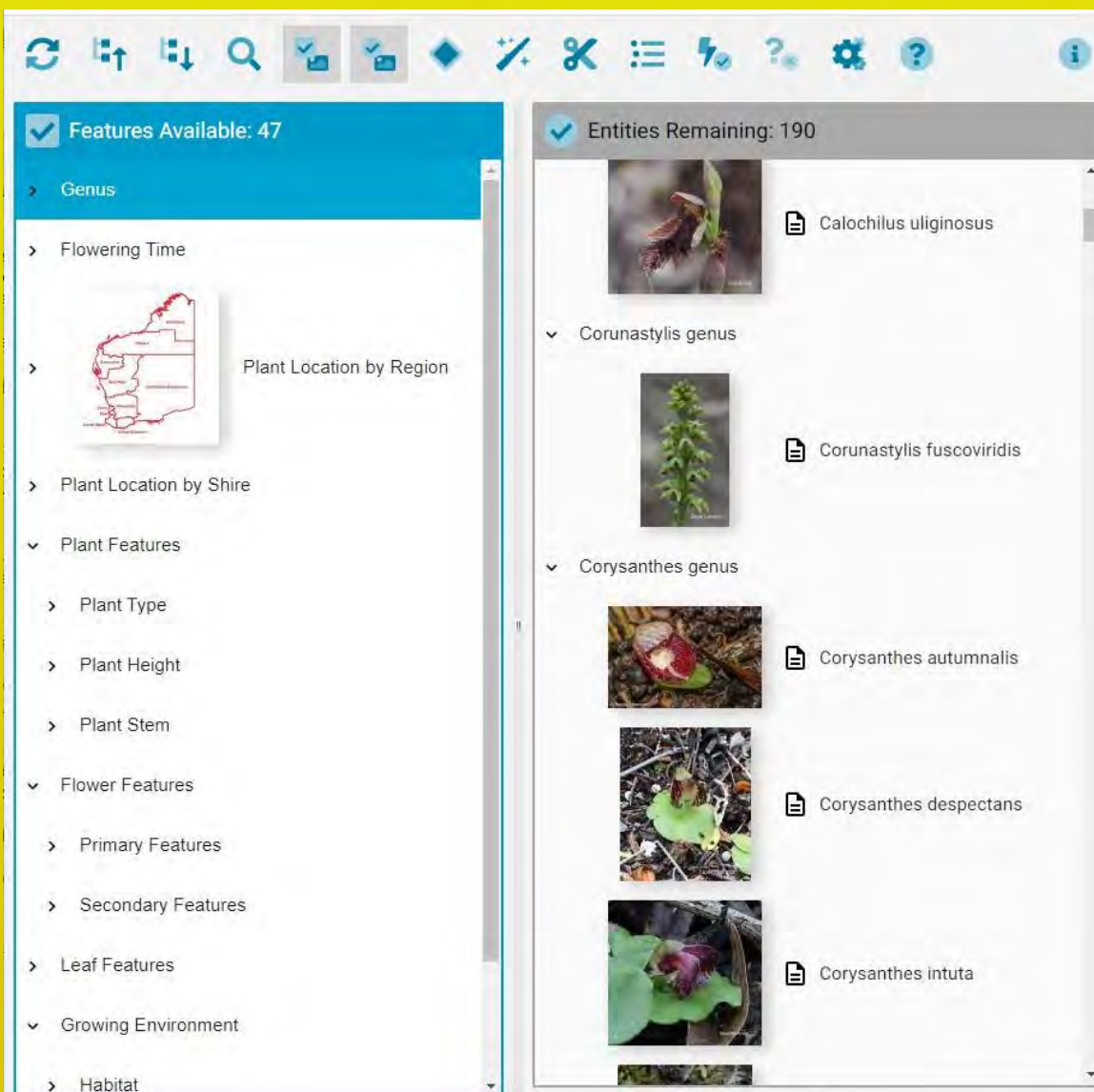
We are now at the stage of putting out a call for members to help to crack the Big 3 genera.

If you'd like to have an orchid task during the 'quieter' part of the orchid season this summer, then there is plenty to do! Especially if you have some familiarity with orchid descriptions in papers and books and can transcribe the detail into a spreadsheet.

The process for building up the key starts with the papers and books that describe the orchid features and characteristics. These details are summarised in a 'description' spreadsheet, which is subsequently translated into the format required to directly import the data into the Lucid Key platform. The papers and books can be made available as required.

I have learnt an awful lot about the orchids whilst going through the papers etc, so it is a very instructive and rewarding thing to do.

Once we have most of the species in the key, attention will then turn to building up the other parts of the key – photos



of species, details of what the features are (eg what is a dorsal sepal or column), rationalising and organising the features to make them user friendly, etc.

A critical part of all of this has been Andrew's oversight and review of the data going into the key and Jay's data processing expertise, so thanks for their input and time.

Many thanks also to the other volunteers who have already put their hands up to help.

So, if you are ready for an orchid challenge this summer and you are up for what is required, please let me know! (wanoscg@gmail.com).

Ramón

Left - WA Lucid Key
Draft Oct 2022

**SOUTHERN RIVERS GROUP
FIELD TRIP REPORT
DATE: 16th October 2022
Porongurup Area**

Setting out on a beautiful cloudy day with sunshine, expectations were high as it was close to the season's end for the south coast. Happy feet dance while spraying boots to prevent dieback before entering the reserve was done. The area gave us many soil and vegetation types.

A total of 21 orchids came from this site. In swampy country we found Blue Lady (*Thelymitra crinita*), Scented Sun (*Thelymitra macrophylla*), *T. vulgaris* (Slender Sun), Shy Sun (*T. graminea*), Twisted Sun (*T. flexuosa*), Vanilla/Lemon-scented Sun (*T. antennifera*), Cowslip (*Caladenia flava* subsp. *flava*), South African (*Disa bracteata*), Purple Enamel (*Elythranthera brunonis*) and Common Mignonette (*Microtis media* subsp. *media*), Common Dragon (*Caladenia Barbarossa*) plus a lutea form.

In open woodland on ironstone rock and sandy soil, we found the last of the Stark White Spider (*Caladenia longicauda* subsp. *Eminens*), Blue Lady (*T. crinita*), King Spider (*C. pectinata*) plus a hybrid *C. pectinata* x *longicauda*, Rattle Beak (*Lyperanthus serratus*), Pink Enamel (*Elythranthera emarginata*), Tangled (*C. redacta*), Zebra (*C. cairnsiana*) and White Fairy (*C. marginata*).

Back at the cars we had a long table lunch finishing with gourmet lemon drizzle cake (thanks Lisa). We hadn't been together as a group for a long while and it was great to catch up with everyone's activities over August-September, from ADORP activities to enjoying the various wildflowers and shows across the Great Southern. We added Swamp Beard (*Calochilus uliginosus*) in broken ironstone and coarse sand just a step away from our lunch spot.

On the trip's second leg, we visited another reserve which included mixed timber and low-lying wet areas. We added Butterfly Spider (*C. lobata*) to the tally. Our day's adventures ended with a La La Land dance trying to get rid of a Bull Ant (still got stung).

The day finished to gathering dark clouds in Mount Barker visiting the Wildflower Photo Exhibition, always an annual highlight in the wildflower season.

Karen Johnston



Blue Lady (*Thelymitra crinita*)



Pink Enamel (*Elythranthera emarginata*)



Common Dragon (*Caladenia Barbarossa*) - lutea form

2022 WANOSCG PHOTOGRAPHIC COMPETITION

The topic of this year's photo competition was “*WA native orchid(s) growing in an unusual situation*” - Taken by a member at anytime, anywhere, either in a natural or un-natural situation.

All valid entries have been placed in number order below for viewing and voting.

How To Vote - voting can be made by eligible Members, **stating the selected photograph's reference number** by either email to wanoscg@gmail.com or by post to PO BOX 323, Victoria Park, WA 6979.

All votes are due on 14 Nov 2022 (*Mon before November GM due date*).

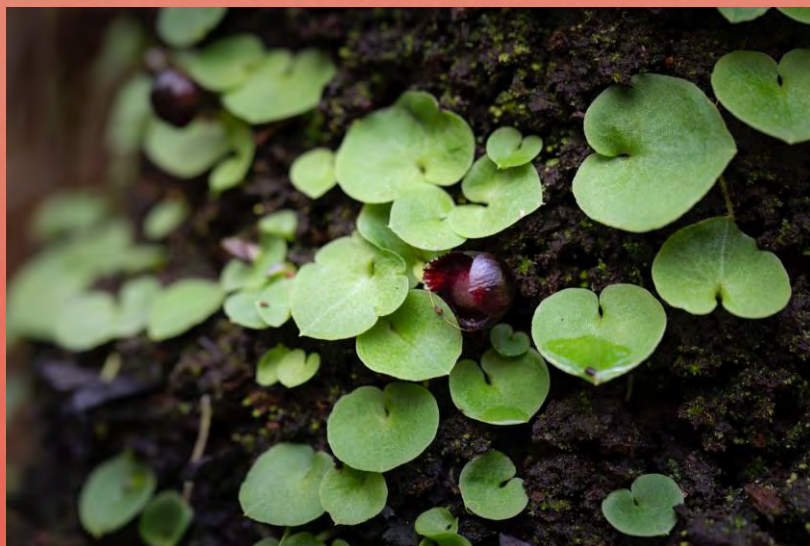
Winner – The winner will be determined by the WANOSCG Committee (who may appoint adjudicators) based on the valid votes.

After the Winner is declared a prize will be presented at the November General Meeting due date, **16 Nov 2022**.

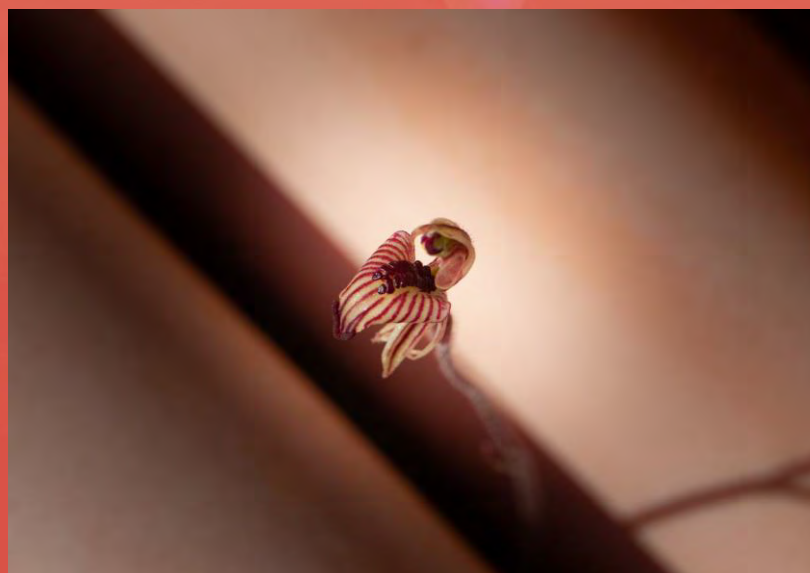
The Winning photo and runners-up will be displayed at the November GM and posted in the Bulletin, Website and/or Facebook page. Valid entries as follows – enjoy!

Below Left – No. 1 Multiple Common Helmets *Corybas recurvus* on a grass tree.

Right – No. 2 Multiple Common Helmets *Corybas recurvus* on a grass tree.

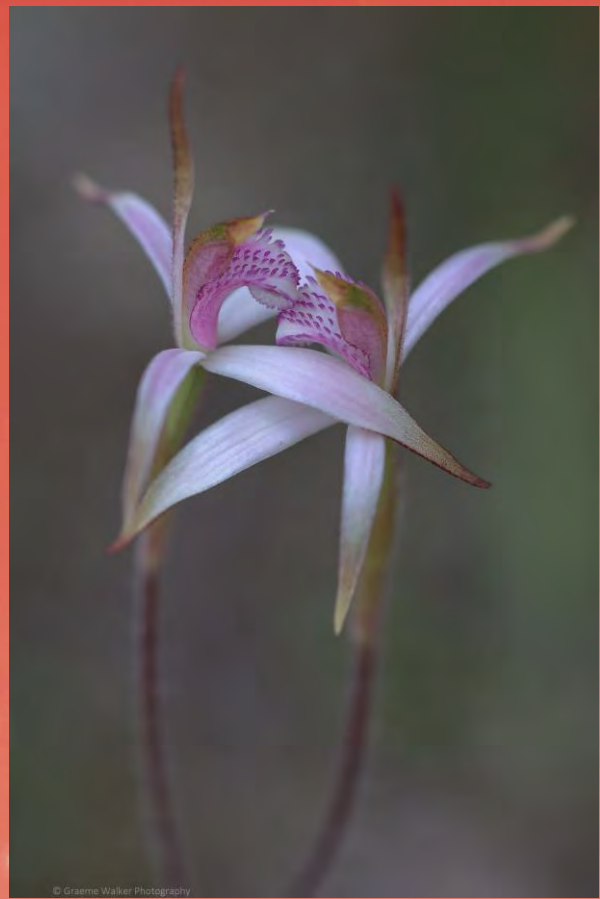


Below – No. 3 – Zebra Orchid *Caladenia cairnsiana* growing up through a pile of dumped steel near Quairading Cemetery.





Top Left No. 4 - Scented Sun Orchid *Thelymitra macrophylla* on Steps



Top Right No. 5 – Tinged Spider orchid *Caladenia x suffusa*

Below Left No.6 – Cowslip Orchids *Caladenia flava* growing on log

Below Right No. 7 – Scented Sun Orchid *Thelymitra macrophylla* on a log.





Above No. 8 – Red beak orchids *Pyrorchis nigricans*
Below Left No. 10 – Red Veined Shell Orchid *Pterostylis.hamiltonii* - tied up a bit.

Below Right No. 9 – Cream Spider orchid *Caladenia boristes* growing on a rock.





Above No. 11 – Tall Snail Orchid *Pterostylis pyramidalis* on tree trunk.

**Right
No. 12** –
Snail orchids
Pterostylis Sp.
Growing on a
tree trunk.



Right No. 13 –
Sun Orchids *Thelymitra* Sp.
Growing on Granite Rock.



Left No. 14 –
Murdoch Snail orchids
Pterostylis ectypa

Below No. 15 – Banded
Greenhood Orchids
Pterostylis vittata growing on a
grass tree.





Above No. 16 – Common Mignonette Orchids *Microtis media* growing in a tree trunk.

Below Left No. 17 – Pink Fairy Orchid *Caladenia latifolia* (as lunch).

Below Right No.18 – Cowslip Orchids *Caladenia Flava* on tree trunk.



ORCHIDS FLOWERING IN NOVEMBER

Cons Status	Common Name	Species	Flowering Start	Flowering Finish	Distribution
P3	Coastal Spider Orchid	<i>Caladenia abbreviata</i>	15-Oct	01-Dec	Yallingup to William Bay, coastal
P2	Boranup Spider Orchid	<i>Caladenia ambusta</i>	15-Oct	15-Nov	Margaret River, SW of
	Forest Mantis Orchid	<i>Caladenia attingens</i> subsp. <i>attingens</i>	30-Sep	01-Nov	Mandurah to Albany
	Common Dragon Orchid	<i>Caladenia barbarossa</i>	01-Sep	15-Nov	Bindoon to Esperance
	Karri Spider Orchid	<i>Caladenia brownii</i>	01-Oct	15-Dec	Dunsborough to Albany
	Mustard Orchid	<i>Caladenia caesarea</i> subsp. <i>caesarea</i>	15-Sep	15-Nov	Stirling Range to Boyup Brook
	Zebra Orchid	<i>Caladenia cairnsiana</i>	01-Aug	01-Nov	Esperance to Lancelin
T	Christine's Spider Orchid	<i>Caladenia christineae</i>	15-Sep	01-Nov	Mt Barker to Bridgetown
	Club-lipped Spider Orchid	<i>Caladenia corynephora</i>	30-Nov	01-Feb	Dunsborough to Albany
T	Cossack Spider Orchid	<i>Caladenia dorrienii</i>	15-Sep	01-Nov	Kojonup to Boyup Brook, also West Dale
	Stumpy Spider Orchid	<i>Caladenia ensata</i>	15-Sep	15-Nov	Albany to Augusta
P1	Semaphore Spider Orchid	<i>Caladenia evanescens</i>	01-Nov	30-Nov	Albany to Peaceful Bay
T	Giant Spider Orchid	<i>Caladenia excelsa</i>	15-Sep	01-Nov	Dunsborough to Karridale
	Pointing Spider Orchid	<i>Caladenia exstans</i>	15-Sep	01-Nov	Esperance to israelite Bay
	Cowslip Orchid	<i>Caladenia flava</i> subsp. <i>flava</i>	01-Jul	01-Dec	Geraldton to Israelite Bay
	Karri Cowslip Orchid	<i>Caladenia flava</i> subsp. <i>sylvestris</i>	01-Oct	15-Dec	Bunbury to Albany
	Cherry Spider Orchid	<i>Caladenia gardneri</i>	15-Sep	01-Nov	Yallingup to William Bay
T	Granite Spider Orchid	<i>Caladenia granitora</i>	15-Sep	01-Nov	Albany to Cheyne Beach
T	Pink Spider Orchid	<i>Caladenia harringtoniae</i>	15-Sep	01-Nov	Albany to Nannup
	Sugar Candy Orchid	<i>Caladenia hirta</i> subsp. <i>hirta</i>	31-Aug	01-Nov	Arrowsmith to Albany
	Funnel-tipped Spider Orchid	<i>Caladenia infundibularis</i>	30-Sep	30-Nov	Dunsborough to Northcliffe
P4	Smooth-lipped Spider Orchid	<i>Caladenia integra</i>	30-Sep	15-Nov	Tenterden to Clackline
	Pink Fairy	<i>Caladenia latifolia</i>	01-Aug	01-Nov	Kalbarri to israelite Bay
	Butterfly Orchid	<i>Caladenia lobata</i>	30-Sep	15-Nov	Bunbury to the Stirling Ranges
T	Lodge's Spider Orchid	<i>Caladenia lodgeana</i>	31-Oct	01-Dec	Augusta to Margaret River
P1	Late White Spider Orchid	<i>Caladenia longicauda</i> subsp. <i>extrema</i>	15-Oct	01-Nov	Manjimup (NE of)
	Clubbed Spider Orchid	<i>Caladenia longiclavata</i>	01-Sep	01-Nov	Perth to Albany
	Leaping Spider Orchid	<i>Caladenia macrostylis</i>	01-Aug	01-Nov	Albany to Bindoon
	White Fairy Orchid	<i>Caladenia marginata</i>	30-Sep	30-Nov	Jurien Bay to Israelite Bay
	Pink Fan Orchid	<i>Caladenia nana</i> subsp. <i>unita</i>	01-Oct	30-Nov	Perth to Bremer Bay
	Swamp Spider Orchid	<i>Caladenia paludosa</i>	01-Sep	01-Dec	Gingin to Gracetown, coastal plain

P1	Augusta Spider Orchid	Caladenia pholcoidea subsp. augustensis	01-Nov	01-Dec	Near Augusta
	Albany Spider Orchid	Caladenia pholcoidea subsp. pholcoidea	15-Nov	01-Jan	Albany (East of) to Augusta
	Crab-lipped Spider Orchid	Caladenia plicata	01-Sep	01-Nov	Nannup to Hopetoun
P2	Dark-tipped Spider Orchid	Caladenia postea	01-Oct	01-Nov	York to the Brookton Hwy
T	Carbunup King Spider Orchid	Caladenia procera	01-Sep	01-Nov	Carbanup to Busselton, and Crooked Brook
	Ray Spider Orchid	Caladenia radiata	01-Oct	01-Dec	Yarloop to Albany
	Christmas Spider Orchid	Caladenia serotina	30-Oct	01-Jan	Perth to Bremer Bay
	Splendid Spider Orchid	Caladenia splendens	01-Sep	01-Nov	Gingin to Frankland
	Scott River Spider Orchid	Caladenia thinicola	01-Sep	01-Nov	Cape Naturaliste to the Warren River
	Darting Spider Orchid	Caladenia uliginosa subsp. uliginosa	30-Sep	01-Nov	Boddington to Mt Barker, also north to Beverley
P2	Late Spider Orchid	Caladenia ultima	01-Nov	01-Dec	Lake Muir-Stirling Range area
T	Majestic Spider Orchid	Caladenia winfieldii	01-Oct	30-Nov	Manjimup (SE of)
	Summer Spider Orchid	Caladenia x aestantha	30-Nov	31-Jan	Albany to Augusta, south coast
	Dusky Fairy Orchid	Caladenia x erminea	01-Sep	30-Nov	Esperance to the Leeuwin-Naturaliste Ridge
	Protruding Spider Orchid	Caladenia x exserta	01-Sep	30-Nov	York to Rocky Gully
	Southern Forest Spider Orchid	Caladenia x hypata	01-Sep	30-Nov	Bridgetown to Mt Barker
	Swamp Beard Orchid	Calochilus uliginosus	01-Oct	30-Nov	Gingin to Albany
P3	Small Helmet Orchid	Corybas abditus	01-Oct	01-Nov	Gingin to Mt Manypeaks with isolated populations near Esperance
	Slipper Orchid	Cryptostylis ovata	30-Sep	15-Jun	Perth to Albany with isolated populations east of Esperance
	Powder-blue China Orchid	Cyanicula ashbyae	15-Sep	01-Nov	Pingrup to Beacon
	Blue China Orchid	Cyanicula gemmata	01-Aug	01-Nov	Kalbarri to Israelite Bay
	Pale China Orchid	Cyanicula gertrudiae	01-Sep	30-Nov	Yallingup to Albany, coastal
	Granite China Orchid	Cyanicula nikulinskyae	01-Sep	01-Nov	Fitzgerald River National Park to Israelite Bay, also inland to Mt Ridley
P1	Esperance China Orchid	Cyanicula sp. 'Esperance'	01-Sep	01-Nov	Esperance to Israelite Bay
	Native cymbidium	Cymbidium canaliculatum	01-Sep	30-Nov	Halls Creek to Broome and north to Kununurra
	Gnat Orchid	Cyrtostylis tenuissima	01-Sep	30-Nov	Perth to east of Esperance
	South African Orchid	Disa bracteata	01-Oct	30-Nov	Geraldton to Israelite Bay
	Giant Donkey Orchid	Diuris amplissima	01-Sep	01-Nov	Capel to Mt Barker, also at Mt Dale
	Tall Bee Orchid	Diuris carinata	01-Oct	15-Nov	Gingin to Mt Barker
	Elegant Donkey Orchid	Diuris concinna	15-Sep	01-Dec	Cape Arid to Fitzgerald River National Park
T	Tall Donkey Orchid	Diuris drummondii	30-Nov	01-Jan	Perth to Walpole, scattered populations to Northampton
P1	Arrowsmith Bee Orchid	Diuris eburnea	01-Oct	15-Nov	Arrowsmith River, banks of
	Late Donkey Orchid	Diuris emarginata	01-Nov	01-Jan	Augusta to Albany
	Little Esperance Bee Orchid	Diuris immaculata	01-Sep	01-Nov	Esperance (NE of) to Cape Arid
	Dark Bee Orchid	Diuris insignis	01-Oct	30-Nov	Mt Barker to Manjimup
	Nanny Goat Orchid	Diuris laevis	01-Oct	30-Nov	Bunbury to Albany
	Bee Orchid	Diuris laxiflora	01-Sep	01-Nov	Gingin to Esperance
	PurplePansy Orchid	Diuris longifolia	01-Sep	15-Dec	Albany to Perth

	Darling Range Donkey Orchid	Diuris ostrina	01-Oct	15-Nov	Bindoon to Armadale, inland to Brookton and south to Waroona
	Swamp Bee Orchid	Diuris pauciflora	15-Oct	15-Dec	Augusta to Esperance
	Granite Bee Orchid	Diuris picta	30-Sep	30-Nov	Lake King to Menzies
	Bristly Donkey Orchid	Diuris setacea	15-Sep	01-Jan	Esperance to Kalbarri
	Augusta Bee Orchid	Diuris sp. 'Augusta'	01-Oct	01-Dec	Augusta
T	Late Hammer Orchid	Drakaea confluens	30-Sep	15-Nov	Boyup Brook to Stirling Range
T	Glossy-leafed Hammer Orchid	Drakaea elastica	01-Oct	30-Nov	Ruabon to Cataby, coastal plain
	Purple Enamel Orchid	Elythranthera brunonis	01-Aug	01-Nov	Kalbarri to Israelite Bay
	Pink Enamel Orchid	Elythranthera emarginata	15-Sep	15-Dec	Jurien Bay to Ravensthorpe
	Intermediate Enamel Orchid	Elythranthera x intermedia	01-Oct	30-Nov	Perth to Albany
	Babe-in-a-Cradle	Epiblema grandiflorum	01-Nov	31-Jan	Gingin to Esperance
	Slender Bunny Orchid	Eriochilus tenuis	01-Sep	01-Dec	Perth to Albany
P3	Kimberley grass orchid	Eulophia bicallosa	01-Aug	31-Dec	Kimberley region, King Leopold Range to Kalumburu
	Potato Orchid	Gastrodia lacista	15-Nov	15-Jan	Bunbury to Albany
	Rabbit Orchid	Leptoceras menziesii	01-Sep	01-Nov	Geraldton (North of) to Israelite Bay
	White Mignonette Orchid	Microtis alba	01-Oct	15-Jan	Dongara to Israelite Bay
	Scented Mignonette Orchid	Microtis alboviridis	01-Nov	31-Dec	Bunbury to Esperance
	Swamp Mignonette Orchid	Microtis atrata	01-Sep	30-Nov	Jurien Bay to Israelite Bay
	Sweet Mignonette Orchid	Microtis brownii	01-Nov	15-Jan	Perth to Esperance
	Cupped Mignonette Orchid	Microtis cupularis	01-Sep	30-Nov	Perth to Thomas River, east of Esperance
	Granite Mignonette Orchid	Microtis graniticola	01-Sep	01-Nov	Mullewa to Balladonia
	Dense Mignonette Orchid	Microtis media subsp. densiflora	01-Oct	31-Jan	Perth to Albany
	Common Mignonette Orchid	Microtis media subsp. media	30-Aug	31-Jan	Shark Bay to Eyre
P4	Beautiful Mignonette Orchid	Microtis pulchella	01-Nov	31-Jan	Augusta to Mt Manypeaks
	Brockman's Duck Orchid	Paracaleana brockmanii	15-Oct	15-Jan	Perth to Albany
	Little Duck Orchid	Paracaleana disjuncta	01-Oct	01-Dec	Margaret River to Israelite Bay
T	Sandplain Duck Orchid	Paracaleana dixonii	31-Oct	01-Dec	Moore River National Park to Dongara
P2	Darling Range Duck Orchid	Paracaleana ferricola	30-Sep	15-Nov	Darling Range (above Kelmscott)
P1	Slender-leafed Duck Orchid	Paracaleana gracilicordata	15-Oct	30-Nov	Waroona to Brookton Hwy
P1	Granite Duck Orchid	Paracaleana granitica	15-Oct	30-Nov	Armadale (South of)
	Midget Duck Orchid	Paracaleana lyonsii	30-Sep	30-Nov	Murchison River (North of) to Southern Cross
P2	Esperance Duck Orchid	Paracaleana parvula	01-Oct	30-Nov	Condingup to Israelite Bay
	Christmas Leek Orchid	Prasophyllum brownii	01-Nov	15-Jan	Perth to Esperance
	Swamp Leek Orchid	Prasophyllum drummondii	01-Oct	31-Dec	Three Springs to Israelite Bay
	Tall Leek Orchid	Prasophyllum elatum	15-Aug	01-Nov	Kalbarri to Israelite Bay

	Humped Leek Orchid	Prasophyllum gibbosum	30-Sep	15-Jan	Bunbury to Esperance
	Bronze Leek Orchid	Prasophyllum giganteum	30-Sep	15-Nov	Kalbarri to Israelite Bay
	Yawning Leek Orchid	Prasophyllum hians	31-Aug	15-Nov	Dongara to Israelite Bay
	Laughing Leek Orchid	Prasophyllum macrostachyum	15-Sep	31-Jan	Dongara to Cape le Grand
	Fragrant Leek Orchid	Prasophyllum odoratissimum	30-Sep	15-Nov	Augusta to Toolinna Cove, coastal areas, also near Balladonia
	Dainty Leek Orchid	Prasophyllum plumiforme	01-Sep	01-Nov	Kalbarri to Israelite Bay
	King Leek Orchid	Prasophyllum regium	15-Oct	31-Dec	Perth to Albany
	Late Swamp Leek Orchid	Prasophyllum sp. 'late swamps'	01-Nov	31-Dec	Augusta to Israelite Bay
	South Coast Leek Orchid	Prasophyllum sp. 'south coast'	30-Sep	15-Dec	Broke Inlet to Israelite Bay
	Southern Fringed Leek Orchid	Prasophyllum sp. 'southern'	01-Nov	31-Dec	Augusta to Albany
	Striped Leek Orchid	Prasophyllum sp. 'striped'	15-Sep	01-Nov	Perth to Busselton
	Hairy Rufous Greenhood	Pterostylis ciliata	15-Sep	15-Nov	Beverley to Esperance
P1	Elegant Rufous Greenhood	Pterostylis elegantissima	15-Oct	30-Nov	Goomallin to Salmon Gums
P2	Tuart Rufous Greenhood	Pterostylis frenchii	31-Oct	01-Dec	Mandurah to Capel
	Clubbed Snail Orchid	Pterostylis glebosa	15-Aug	30-Nov	Eneabba to Walpole
	Insect-lipped Rufous Greenhood	Pterostylis insectifera	30-Sep	30-Nov	Between Karroun Hill, Ravensthorpe and Norseman
	Karri Snail Orchid	Pterostylis karri	01-Aug	01-Nov	Margaret River to Walpole
	Ravensthorpe Rufous Greenhood	Pterostylis leptochila	30-Sep	30-Nov	Ongerup to Munglinup
	Ruddy Hood	Pterostylis perculata	15-Sep	15-Nov	Stirling Range to Thomas River east of Esperance
	Painted Rufous Greenhood	Pterostylis picta	15-Sep	15-Dec	Between Moora, Woodanilling and Esperance
	Rufous Greenhood	Pterostylis roensis	15-Sep	30-Nov	Mt Jackson to Balladonia
	Granite Bird Orchid	Pterostylis saxosa	30-Sep	01-Nov	Albany to Shannon
	Late Bird Orchid	Pterostylis serotina	31-Oct	30-Nov	Albany, Dardanup to Augusta
	Bloated Bird Orchid	Pterostylis sp. 'bloated'	01-Oct	30-Nov	Augusta to Mt Barker
	Bearded Bird Orchid	Pterostylis turfosa	30-Sep	30-Nov	Bunbury to East Mt Barren
	Pink Beaks	Pyrorchis forrestii	30-Oct	15-Dec	Augusta to Albany
	Elbow Orchid	Spiculaea ciliata	01-Oct	31-Jan	Kalbarri to Grasspatch
	Leopard Orchid	Thelymitra benthamiana	01-Sep	30-Nov	Northampton to Israelite Bay
	Blue Sun Orchid	Thelymitra canaliculata	31-Oct	31-Dec	Augusta to Albany
	Blue Lady Orchid	Thelymitra crinita	01-Sep	31-Dec	Bindoon to Esperance
	Swamp Sun Orchid	Thelymitra cucullata	01-Oct	30-Nov	Perth to Condingup
T	Cinnamon Sun Orchid	Thelymitra dedmaniarum	31-Oct	30-Nov	Gidgegannup in the Darling Range
	Chestnut Sun Orchid	Thelymitra fuscolutea	01-Nov	28-Feb	Perth to Mt Ragged
	Shy Sun Orchid	Thelymitra graminea	01-Oct	30-Nov	Perth to Esperance
	Plum Orchid	Thelymitra mucida	15-Sep	30-Nov	Three Springs to Albany
	Western Azure Sun Orchid	Thelymitra occidentalis	01-Sep	30-Nov	Cranbrook to Eyre
	Plain Sun Orchid	Thelymitra paludosa	01-Nov	31-Jan	Bunbury to Esperance
	Granite Sun Orchid	Thelymitra petrophila	15-Aug	01-Nov	Mullewa to SA
	Freckled Sun Orchid	Thelymitra sargentii	01-Sep	30-Nov	Murchison River (North of) to Kalgoorlie (East of)
	Yellow Sun Orchid	Thelymitra sp. 'Denmark'	15-Oct	15-Nov	Denmark area
P3	Orange Sun Orchid	Thelymitra sp. 'Ongerup'	01-Nov	30-Nov	Woodanilling to east of Jerramungup
	South Coast Sun Orchid	Thelymitra sp. 'south coast'	15-Oct	30-Nov	Margins of swamps between Walpole and Bremer Bay
T	Star Orchid	Thelymitra stellata	30-Sep	01-Nov	Three Springs to Pinjarra, also near Corrigin
	Custard Orchid	Thelymitra villosa	01-Sep	30-Nov	Northampton to Israelite Bay
P3	York Sun Orchid	Thelymitra yorkensis	01-Nov	15-Dec	York (SW of) to Beverley, scattered populations
	Mauve Rare Orchid	xCyanthera glossodiodes	01-Sep	01-Nov	Mt Barker to Margaret River

NEXT GENERAL MEETING

The next WANOSCG general meeting will be held at the King's Park Administration Centre, Kattidge Close, King's Park on Wednesday, 16 November 2022, at 7:30pm.

Parking is once again available close to the venue following the completion of Water Corp works.

The meeting will be available on Zoom and for those wishing to join this way should advise us by email, WANOSCG@gmail.com, and the connection details will be forwarded a couple of days before the meeting.

Bulletin Articles

Please send Bulletin contributions to the editor at wanoscg@gmail.com.

Please note: A special 'late' December edition will be published. This is mostly due to the large number of images involved in conjunction with the 2022 photo competition entries being displayed in this month's edition. The committee has therefore decided hold back some articles for the special December edition.

Due date for articles for the new year's first Bulletin edition in March will be Friday, 24 February, 2023.

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1.—*Prasophyllum fimbria*.
2.—*Thelymitra aristata*. 3.—*Thelymitra variegata*.
4.—*Prasophyllum elatum*. 5.—*Microtis porrifolia*.
6.—*Thelymitra autumnifera*. 7.—*Thelymitra crinita*. 8.—*Thelymitra villosa*.
9.—*Thelymitra fuscoluta*.

Images – Emily Pelloe
(1878 – 1941)

Watercolour
Plate 11 (left) and
Plate 111 (right) from
West Australian Orchids
1930.

Note: Plate 1 appears
in WANOSCG Sept
2022 Bulletin.

https://en.wikipedia.org/wiki/Emily_Pelloe



1.—*Lycopodium nigricans*. 2.—*Lycopodium serratum*.
3.—*Pterostylis recurva*. 4.—*Dieris carinata*. 5.—*Drakaca elastica*.
6.—*Pterostylis turfosa*. 7.—*Glossodia emarginata*. 8.—*Glossodia Brunonis*.
9.—*Calanthe Menziesii*. 10.—*Leptoceras fimbriatum*.
11.—*Eriochilus scaber*. 12.—*Dieris longifolia*. 13.—*Pterostylis robusta*.
14.—*Pterostylis vittata*.