



Western Australian Native Orchid Study and Conservation Group

July 2014 Bulletin



Ramon Newmann, *Diuris* and *Caladenia radialis*

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Winter arrives!

At last winter arrives to the south west with widespread rainfall the last few weeks. So much that the field trip on the 6th to the Johnston Road area was cancelled. To celebrate the rain we have some member photos with rain drops on orchids.

Marina has reproduced some items from old bulletins to celebrate our 40th year and the Southern Rivers Group have been busy around the Stirlings and Blue Lake.

William Gye has been digitally scanning the club's slide collection and I will include one or two in every bulletin.

Lyn Alcock is going to lead a field trip around the Narrogin area this weekend. Hopefully the early rains in the Kalbarri area has translated into a great orchid season for the trip on the 9/10th August.

Happy Hunting!



Trevor Cunningham - *Diuris*—Quairading

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General Meetings are held 7:30pm the 3rd Wednesday of the month, March through November, at the BGPA Boardroom, Kings Park

WANOSCG GENERAL MEETING MINUTES

Wednesday, 18th June 2014

Meeting held at: BGPA Boardroom, Kings Park.
Meeting opened: 7:35pm

CIRCULATION OF REPORTS: Attendance Book, Treasurer's Report and Conservation Officer's report were circulated to the members.

ATTENDANCE: 33 members were present and there were 7 apologies.

RAFFLE: Kindly donated by Jeanette Wheatley

1. PREVIOUS GENERAL MEETING MINUTES

Mark Brundrett and Ross Fox provided amendments to sections 5.7 and 5.10 of the 21st May General Meeting minutes published in the June bulletin. Amendments were: 5.7 *Mark Brundrett*: Crinkle-leafed Bunny Orchid – *Eriochilus dilatatus* subsp. *undulatus*, Augusta. 5.10 *Ross Fox*: saw 30 *Eriochilus helonomos* (Swamp Bunny) at Fernhook Falls Beardmore Rd.

Moved: Peter Proudfoot Seconded: John Ewing That after making the amendments suggested above, the minutes of the 21st May 2014 General Meeting as published in the June 2014 Bulletin are a true and correct record of that meeting. *Carried*

2. BUSINESS ARISING FROM THE PREVIOUS MEETING

2.1 *Rosters*: The President reported that most positions on the rosters are filled but we still need volunteers for the October and November Supper rosters.

2.2 *Membership fees* were due on 1st February 2014. Members were informed that those who had not paid their fees by the end of May did not receive the June bulletin as per our constitution.

2.3 *Survey for Rhizanthella gardneri along part of the route of the proposed Ravensthorpe Heavy Haulage By-pass*: Following a request from Julie Walters (Conservation Officer / Recovery Catchment Officer DPaW, Esperance District) for help from WANOSCG to survey the Munglinup site for *Rhizanthella gardneri*, it was announced that the Munglinup *Rhizanthella* site would be surveyed on the 5th July and the potential Ravensthorpe site on Sunday the 6th July. Members interested in participating in surveying for this orchid on 5th and 6th July were asked place their names on a list or to contact Eddy Wajon (also see the May bulletin for details).

2.4 *ADORP Caladenia caesarea subsp. transiens*: The president reminded members that they should contact Kim Hanson if they had any information about this orchid, particularly if they were aware of any likely new locations.

2.5 *Caladenia bryceana subsp. bryceana* in the Albany region: Kim Hanson is coordinating WANOSC's ef-

fort to help the Albany Conservation Office (Sarah Barrett) document *Caladenia bryceana subsp. bryceana* sightings in the Albany region in 2014. Any members able to provide locations of where they have seen this species in the past should pass this information along to Kim. Andrew Brown added that members who are able to help survey known sites should contact Kim who will in turn liaise with Sarah Barrett.

2.6 *Five Year Plan*: At the June committee meeting the committee began to review the progress that has been made with respect to WANOSCG's Five Year Plan with the view of refocussing and potentially revising the plan. Please direct any comments and or suggestions with regard to the club's Five year Plan to a committee member or to the club's email account.

3. TREASURER'S REPORT

For the period 1st Feb 2014 to 31st May 2014

	For May	1 st Feb -31 st May
Income	\$ 1,392.25	\$ 5,489.25
Expenditure	\$ 613.42	\$ 8407.99

4. CORRESPONDENCE

Mail received for the period 22nd May 2014 to 18th June 2014

Inward correspondence:

Various electronic and hardcopies of newsletters and bulletins from other orchids groups.

Payment of membership fees and for the 40th year book – cheques and electronic receipts.

4.1 *Simone van Hattem (17/6/14)* Re: Australian Earth Laws Alliance (AELA) workshop 7th July, CCWA General meeting 23rd July and CCWA AGM 27/28th September.

4.2 *Laurie Scott (4/6/14)* Re: Save Underwood Avenue Bushland in Shenton Park.

4.3 *Chantelle Roberts (30/5/14)* Re: -Don't give Frackling a free pass. From CCWA.

4.4 *Taelar Jones (30/5/14)* Re: 2014 WA Regional Achievement & Community Awards. Nominations close on Wednesday 13th August 2014.

4.5 *Mark Brundrett (23/5/14)* Re: Article by Kevin Thiele on orchid taxonomy in Australia needs to lift its game.

4.6 *Matt Manson (22/5/14)* Re: Help with an assignment about creating a conservation area to protect WA native orchids - hope that you will be able to assist me with some data.

4.7 *Paul Winthrop (31/5/14)* Re: Bulletin cut off is 10th June.

4.8 *Margaret Petridis (28/5/14)* Re: Field trip update from Margaret Petridis.

Business Arising from Correspondence:

- 4.9 *Fracking*: At previous meetings members have raised concerns that fracking may damage water tables in the Dongara region. It was suggested that we should liaise with the Conservation Council of WA. Paul has sent out a flyer from CCWA on this matter with the bulletin. Eddy Wajon mentioned that plans to conduct experimental fracking in the Kimberly had been met with a number of submissions (40+) lobbying against such a test. He informed the members that disappointingly the Environment Minister had discounted these submissions on the grounds that this was only an experimental test.
- 4.10 Members who wish to receive the information sent to the club on the preservation of Underwood Avenue Bushland or on making a nomination to the WA Regional Achievement & Community Awards should contact the president.

5. FIELD TRIPS

An excellent series of field trip reports appeared in the June bulletin:

Walpole 3rd & 4th May,
Toolina Cove: 4-11th May
Corrigin and beyond 31st May to 2nd June
SRG trip to Albany Wind Farm 7th June

For coming field trips: see the June bulletin and Margaret's "field trip update" email.

- 5.1 *June*: No field trip is planned for June. Members wishing to look for new locations for Cleopatra's Needles (*Thelymitra apiculata*) should email Kim Hanson who has put together a list of likely sites.
- 5.2 *6th July*: Johnston Rd, Bagieau Rd, and Eaton area. Contact Kevin Uhe if going on this trip.

5.3 *27th July*: Williams/Narrogin area. Please contact Lyn Alcock if you plan to go on this trip.

5.4 August 9th and 10th Kalbarri burns

5.5 *August 16th to 23rd* Extended Field Trip to NE Wheatbelt

5.6 *August 31st to 1st September* Eurardy orchid survey

5.7 *August 30/31st* Members suggestions needed (Andrew Brown suggested that WANOSCG might like to consider a field trip to survey the orchids along Old Plain Rd).

5.8 *September 13/14th* Boyup Brook *Caladenia* species

Personal Field Trips:

Members were again asked to complete Personal field trip report forms and give them to the secretary so as to help him record where and what orchids they had seen.

5.9 *Reports on personal field trips to find new sites for Thelymitra apiculata*: A number of members reported that they saw flowering plants (some more than others). Members were reminded to send in their reports (both positive and negative sightings from each of the sites they visited) to Kim who will report to the meeting

when all sighting reports are in.

5.10 *Lyn Alcock*: Kukerin: looked for *Caladenia drummondii* (Winter Spider Orchids) at an historical location provided by Paul Winthrop. This site is now a farmer's field.

5.11 *Andrew Brown*: reported seeing *Caladenia drummondii* (Winter Spider Orchids), *Pterostylis vittata*, some snail orchids and *caladenia* leaves at Old Plains Rd. He suggested that it would be a good area for a club survey in late August to early September. Hence the area will be suggested to Margaret Petridis for the proposed 30/31st August trip.

6. CONSERVATION

The Conservation report was circulated with attendance book. Tim Hodgkins introduced himself. He asked the members present to let him know of any important issues. The president spoke of the need for members to help Tim with the tasks that he had outlined in his report.

6.1 Conservation Officer Report to WANOSCG June meeting 2014

LAND CLEARING

I have reviewed the following land clearing applications using Nature Map:

1. Shire of Collie, Pastone Road, Allanson, road widening, 1.4ha.
2. Shire of Murray, Fiegert Road, Barragup, road construction, 1.31ha.
3. Town of Kwinana, Anketell Road, Mandogalup (The Spectacles), road realignment, 0.88ha.
4. Shire of Chittering, Wandena Road, Lower Chittering, road widening, 0.5ha.
5. Shire of Northampton, Ogilvie road, Nr Hutt River Province, road realignment, 0.36ha.

Of these projects there is one with potential rare flora, Shire of Chittering, on which I have received the following comments about *T. stellata*.

Andrew Brown: "*From memory the habitat along Wandena Road is sandy, rather than the lateritic soil that Thelymitra stellata is found in*".

Jay Steer: "*Bob and I have been surveying for T. stellata along the roadside verges of Wandena Rd over the last three seasons. We have not seen any T. stellata there yet (plenty of other orchids)*".

FRACKING – DRAFT REGULATIONS

There is an opportunity to express opinions on the proposed draft regulations on the Coal Seam Gas Industry. The Conservation council is concerned that the environment will not be sufficiently protected unless groups like ours lobby politicians about the concerns we have. Please contact your local member and register your concern.

EXISTING RESERVES – possibility of NRM grant/s to assist with maintenance and signage. This matter can be carried forward for the next round of applications.

NEW RESERVE PROJECT – awaiting further input to determine best way forward.

6.2 Eddy Wajon informed members that he had fea-

tured in the 14th May edition of Landline and if members were interested they should contact him and he would send them the link.

- 6.3 Eddy also spoke about Ken Hurst Park where he and Mark Brundrett have been involved in some re-vegetation work. They have received a \$12,500 grant to continue this work and asked for help to plant an additional 1500 plants during July of 2015 and 2016.

7. GENERAL BUSINESS

- 7.1 *Natural Resource Management Project Application for 2015:* The president pointed out that for this to proceed we need some members to form an interest group.

- 7.2 *New Reserve Project aimed at identifying bushland with a significant or rich orchid population with the view of nominating it as a nature reserve at some point in the future:* Members were advised that more effort was needed to start the process of identifying possible bushland areas.

Tim cannot be expected to conduct this on his own and support is needed from the rank and file membership if this plan is to progress. A sub-committee is needed. Eddy suggested that the WA Wildflower Association were also interested in a similar project and that as there might be some common ground he offered to join such a subcommittee.

- 7.3 *Adopt a burn Group:* Kevin Uhe outlined the strategy of the Adopt a Burn Group and spoke of the value that documenting the succession of orchid flowering at burn sites can have. He and Margaret had a list of all the major burns over the last couple of seasons and they were coordinating information that members had recorded at these burn sites. Hence they would appreciate members passing on any information on orchid sightings from burnt areas that had.

- 7.4 *Creating a WANOSCG collection of validated digital images of WA Native orchids:* Noel Hoffman put forward the notion that the club seriously consider the idea of amassing a collection of digital orchid images showing each native orchid species in Western Australia. It was suggested that orchids be captured from all conceivable angles, showing the flower, the leaf and the plant in its habitat. A panel of experts could then vet the images to ensure that they were correctly identified. Noel is going to prepare examples of a few species and present exactly what he has in mind to members at the August meeting.

Eddy Wajon mentioned that such a project had been the intention of Don Ward when the club's website was first set up. The president mentioned that the idea had also been floated by a number of members in recent times including Paul Winthrop in 2012/13 and Andrew Brown in early 2014. Hence although this idea has been suggested in the past it has failed to come to pass. Given that there was such wide spread support for the idea it was suggested that it should be incorporated into

the revision of the Five year plan.

After the meeting, the guest speaker Kevin Thiele suggested that any validated digital images of Western Australian Native orchids should be added to the Atlas of Australia web site as they already had a structure in place to display and update records that may help members of the public identify and understand our WA native orchids. He also suggested that WANOSCG should make an effort to correct any incorrect material related to WA native orchids posted on that web site.

- 7.5 *Christmas function for 2014:* At the June committee meeting it was suggested that WANOSCG should look to holding its Christmas function in the south this year. The venue should be one that the Southern Rivers Group could attend. To date suggested locations are Augusta and the Walpole burn area.

8. GROWER'S TABLE

Mark Brundrett tabled a number of flowering specimens of *Pterostylis sanguinea* (Wheatbelt Form), *Pterostylis aspera* and *Pterostylis rogersii*. They were much admired by the members. Mark commented that when collected the *Pterostylis sanguinea* were very short in stature and only bore a few small flowers. However over the ensuing years the plants had become increasingly taller and were bearing more and bigger flowers.

9. PRESENTATION

Kevin Thiele, Curator of the Western Australian Herbarium, gave a very interesting account of the WA Herbarium and its role in maintaining the specimens that form the cornerstone of nomenclature and research into WA native orchids. His talk was well received by the members and it lead to numerous questions and discussion that continued throughout supper.

RAFFLE DRAW: Kevin Thiele drew the raffle and the winner was John Ewing .

MEETING CLOSED: 9:15pm

NEXT MEETING: 7:30 pm Wednesday 16th July 2014

General Items

Fracking article from the New Internationalist

From Lyn Alcock

The first is a shorter piece on how fracking works:
[https://digital.newint.com.au/issues/82/articles/1753?](https://digital.newint.com.au/issues/82/articles/1753?utm_source=_lAqqAkZ1BkaT4gmXKx0_A)
[utm_source=_lAqqAkZ1BkaT4gmXKx0_A](https://digital.newint.com.au/issues/82/articles/1753?utm_source=_lAqqAkZ1BkaT4gmXKx0_A)

The second is a longer piece on the implications:
[https://digital.newint.com.au/issues/82/articles/1772?](https://digital.newint.com.au/issues/82/articles/1772?utm_source=FAqAcgp03qXZRnORyouicw)
[utm_source=FAqAcgp03qXZRnORyouicw](https://digital.newint.com.au/issues/82/articles/1772?utm_source=FAqAcgp03qXZRnORyouicw)

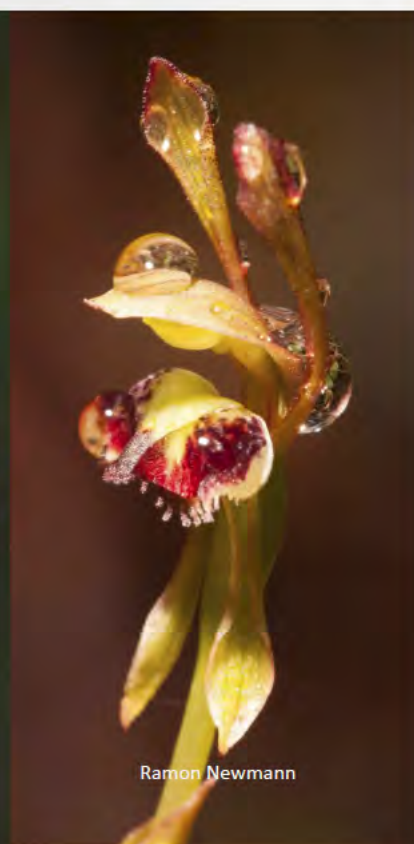
The articles were written by Lyn's brother-in-law, Brian Loffler

Editor's Note: Alan Tinker at Western Flora described to me once the miles upon miles of tracks, pipelines and well-heads that would crisscross the eneabba area if fracking went ahead there, was a depressing thought.

Member's Photos



Phil Hill



Ramon Newmann



William Gyre—*Cyrtostylis robusta* Cape Naturaliste



Mark Brundrett—*Prasophyllum* sp early

40th Anniversary Nostalgia

As part of the 40th anniversary celebrations we plan to publish selected newsletter and bulletin articles from the past. Here is the first instalment by Marina.

PRESIDENT'S REPORT for 1976 (as published in the February 1977 WANOSCG Newsletter):

After two years as a group within the Orchid Society of W.A., the W.A. Native Orchid Study and Conservation Group (Inc) has passed the milestone of its first year as a separate identity. It is an incorporated body. It is affiliated with The Orchid Society of W.A. (inc) and has applied for affiliation with The Australasian Native Orchid Society. The year has been one of the advancement and membership now stands at 96.

The committee has met monthly and attended to all the business of the Group. Committee minutes were read at General Meetings to keep members informed of the work of the committee. Meetings have been well attended and the talks have been educational and interesting.

Field days have ranged over a wide area from Canning Vale to Albany, including Bakers Junction, The Stirling Ranges, Bunbury, Capel, Brookton, Walpole (where *Corybas unguiculatus* was found) and Merredin (Where 'winter spider orchid' *Caladenia drummondii* was seen). The new car stickers make recognition of group cars quite easy and lapel badges were designed to use the Group insignia also.

We exhibited at Expo '76 and at The Royal Show, both exhibits giving the Group good publicity. Owing to the clash of dates with the Royal Show, the Group did not exhibit at the Orchid Society Spring Show. The donation of a projector stand by Vice Pres. Mrs Jean Long proved a useful aid for exhibits as did the cabinet of dried orchid plants loaned by Miss Annette Wilson. A great deal of work went into the Royal Show Exhibit but many helpers made the task of preparation a pleasure – even the moss gathering.

The Registrar, Mr Roy Brown, showed the patterns forming over the map of W.A. from the recording of findings of the various species of orchids in his talk at the July meeting. This reflected the field work of Group members and will prove a valuable quick reference.

The Secretary, Mr Lal Sheppard, has done sterling work in laying the foundations of the Group in recording and keeping in touch with all contacts. It is with regret that we learn that owing to pressure of other duties he has to relinquish the office of Group Secretary and I extend my personal thanks to Lal for a job well done. We are pleased to learn that he will be able to carry on with the monthly newsletter. \$36.00 was donated towards the cost of Nicholls "Orchids of Australia"

I must also thank Mrs Charmaine Brown for carrying out the duties of treasurer this first year to see the group onto its feet. Having seen that the finances are safely on the right side she informs us that she must relinquish this office.

Many Group members have helped to start the Hollywood Reserve project, but especially there has been a 'solid core' of workers who have given considerable time and effort to make this a going concern. They need all the help available to get this project established. Several scouts troupes have given help here.

The Christmas meeting was a pleasant climax to our first year and I must thank Mr & Mrs Roy Brown for their help. I thank the officers and the committee for their untiring work and support and especially thank all Group Members for their support and friendship throughout the yearHerb Foote.

[illegible]

Did you know?

The club raffle was 'inaugurated' in 1976.

The Annual Registrar report for 1975 published in the February 1976 newsletter reported that “Of the 25 genera and 165 species listed in Nuytsia, we have recorded a total of 21 genera and 102 species”.

The WANOSCG exhibit at the Australian Orchid Conference in 1977 won the Gold medal.

The WANOSCG stand at the 1977 Perth Royal Agricultural Show brought \$75 in prize money.

Ruth and Fred Bishop once came on a field trip on their return from Eastern states without having been home.

1980 Christmas party theme was '*Come dressed as your favourite orchid*'. Many members came along in fancy dress. The winner was Fay Gordon in a 'Babe in a cradle' outfit.

FIELD TRIP UPDATE

The current field trip list is on the last page. For any further information contact **Margaret Petridis**, Field Trip Co-ordinator , on [REDACTED]

JULY

Unfortunately the field trip to Johnston Rd and beyond on July 6th was cancelled due to the inclement weather. Other field trips planned are as follows

SUNDAY 27th JULY: NARROGIN AREA

Local Narrogin member Lyn Alcock will take the group to various places around Narrogin for *Pterostylis* species and possibly *Caladenia Xantha*.

AUGUST

9th/10th AUGUST: KALBARRI

To coastal gorges area, Z –Bend and locations along Ajana Road, including the burn area. To facilitate members arriving on the Friday a morning meeting will be arranged with an early afternoon meeting to accommodate members coming up on the Saturday.

16th – 23rd AUGUST: NORTH/EAST CAMPING TRIP (FULL)

8 day camping trip to Perenjori/Paynes Find/Southern Cross and more with Andrew Brown. Can members going on that trip please confirm your attendance by July 31.

29th AUGUST – 1st SEPTEMBER: EURARDY STATION SURVEYS (FULL)

4 days of survey work with Bush Heritage at Eurardy Station on North West Coastal Highway. Members going on that trip should have been notified to book accommodation requirements direct to Bush Heritage.

30th/31st AUGUST: POSSIBLE GROUP DAY TRIP

Due to a number of members being involved in the Eurardy surveys the Field Trip Co-ordinator is seeking suggestions of possible places to go and a person willing to lead this trip. Please contact the Field Trip Co-Ordinator on any suggestions or offers to lead a trip.

SEPTEMBER

13th/14th SEPTEMBER: BOYUP BROOK

Search areas around Boyup Brook for *Caladenia* sp 'Keninup', *dorrienii* and other *caladenia* species. Any members intending to go on this trip are advised that accommodation options in Boyup Brook are quite limited and may need to find accommodation options in nearby towns.

27th/28th SEPTEMBER: BANJUP BURN

To search large burnt areas south of Armadale Road for *Diuris purdeii*, *Drakaea elastic*, *Caladenia huegelli* and other fire stimulated orchids. We will be liaising and co-ordinating with Andrew Brown and DPaW staff in this project to maximise coverage and minimise habitat disturbance. This is assist DPaW to document any of the above orchids in this important part of the Jandakot Botanic Park and also provide information for the clubs database

OCTOBER:

Date to be advised: FRANKLAND AREA WEEKEND:

Planning for this trip is still underway and if conditions are suitable will involve a visit to the burn near Denbarker.

Other trips in October are still in the planning stage and full details will appear in future bulletins.



WANOSCG Club Slide

Southern Rivers Group: Blue Lake Road, 15th JUNE 2014

Nine members headed to the eastern side of an area that was affected by a wildfire which started on 7 January, 2014.

It looks as if September, October and November will be very good this year and into next year when the early flowering orchids will be flowering subject to conditions and rain. On this field trip we discovered leaves of *Pyrorchis nigricans* (Red Beaks), *Eriochilus* (Bunny), *Pterostylis vittata* (Banded Greenhood), *Caladenia* (Spider) 4 different leaves, *Cryptostylis ovata* (Slipper), *Thelymitra* (Sun), *Cyrtostylis robusta* (Mosquito), *Prasophyllum* sp. 'early' (Scented autumn leek), *Lyperanthus serratus* (Rattle Beaks), *Leporella fimbriata* (Fringed Hare Orchid) and two queries awaiting identification.

A schedule for repeat field trips over this year has been created for this area.

Maggie Whittle and Tanya Barnett



Southern Rivers Group: Stirling Range National Park 28th June 2014

On Saturday intrepid Orchidaceae hunters wrapped in winter clothing cheerfully wended their way up Chester Pass Road. Saturday presented as the best day in between storms, wind and very cold temperatures. Four sites were targeted and we were not disappointed. The *Pterostylis* were out in numbers, as well as an amazing number of leaves in all shapes and sizes. The bar was raised again by the presentation of scones, apricot jam and cream at the lunch break. In the afternoon the typical pose was again assumed by people when taking a photograph, with one member saying at the end of the day "this is better than an aerobics class". It was an excellent day with enjoyable camaraderie.

Weather: Over cast with minimal breeze, 14°C on occasions felt like 2°C, however an excellent day for orchid searching and photography.

Site 1 Kamballup

In Flower *Pterostylis concava* (Cupped Banded Greenhood), *Prasophyllum parvifloium* (Autumn Leek), *Pterostylis dilatata* (Robust Shell), *Pterostylis vittata* (Banded Greenhood), *Pterostylis sanguinea* (Dark Banded Greenhood)

Leaves *Pyrorchis nigricans* (Red Beaks), *Lyperanthus serratus* (Rattle Beaks) and *Caladenia reptans* (Little Pink Fairy)

Site2 Stirling Range National Park—Toll Peak area

In Flower *Pterostylis vittata* (Banded Greenhood), *Pterostylis concava* (Cupped Banded Greenhood)

In Bud *Cyrtostylis robusta* (Mosquito Orchid), *Pterostylis barbata* complex

Leaves *Pyrorchis nigricans* (Red Beaks),

Pollinated *Eriochilus* 100's

Leaves *Lyperanthus serratus* (Rattle Beaks) *Pterostylis* rosettes

Site 3 Bluff Knoll area

In Flower *Pterostylis angusta* (Narrow Hooded shell)

Leaves *Caladenia*, *Lyperanthus serratus* (Rattle Beaks), *Caladenia reptans*, *Leporella fimbriata* (Hare orchid) >1,000, *Pyrorchis nigricans* (Red Beaks).

Pollinated *Leporella fimbriata* (Hare Orchid). *Eriochilus*.

Site4 Creek line beside Chester Pass Road

In Flower *Pterostylis sanguinea* (Dark Banded Greenhood),

Leaves *Caladenia*, Rattle beak, *Pyrorchis nigricans* (Red Beaks)

In Bud *Pterostylis barbata* complex

Pollinated *Leporella fimbriata* (Hare Orchid)

I would also like to thank everyone who attended as I believe we had an enjoyable outing. Thank you to everyone, it made my first time as trip leader very pleasant and we didn't lose any members which is always a bonus.

Su Hayman



FIELD TRIP REPORTS

Heather and John Mills have just returned from a trip to Iceland. The trip happened to coincide with their orchid season (limited to June) and they managed to locate four of the six listed orchid species. Interesting to see what orchids grow just short of the Arctic Circle .

Clockwise:

Small white orchid *Leucorchis albida*,
Heath spotted orchid *Dactylorchiza maculata*,
Frog orchid *Coeloglossum viride*,
Northern green orchid *Platanthera hyperborean*





BULLETIN ARTICLES

Please email any Bulletin contributions to Paul Winthrop at wanoscg.newsletter@gmail.com Items for the next Bulletin need to be submitted by 12th August 2014

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Upcoming Field Trip List

July	27th	Williams/Narrogin .for Shell, Snail orchids, possibly Caladenia xantha. Contact Lyn Alcock on [REDACTED] or [REDACTED]
August	9/10th	Kalbarri , Ajana, Z Bend
August	16-23rd	North Eastern Wheatbelt. Extended camping trip. This trip is full.
August	29th—1st	Eurardy Station survey (Full)
August	30/31st	Member suggestions
September	13/14th	Boyup Brook. Caladenia species
September	27/28th	Banjup Burn. Armadale Road
October	TBA	Frankland Area

MEMBERSHIP FEES FOR 2014

All members are reminded that annual subscriptions are now due. The annual single or family membership fee is **\$30**. Payment can be made :

to the Treasurer in person

by mail with cheques made out to WANOSCG and sent to:
WANOSCG PO BOX 323, VICTORIA PARK,W.A. 6979

by electronic transfer to the club's bank account:

BSB: 306044 Bank name: Bankwest

Account number: 5492468

If you choose to send money electronically please identify what the payment is for (eg "Annual Fees" or "40th year Book") and send a copy of your receipt of electronic transfer with your name on it to the club's email account (wanoscg@gmail.com)

Please note that if the fees aren't paid by the end of May you will be a non-financial member and not receive the Bulletin anymore. Additionally only financial members will be eligible to purchase a copy of the 40th year publication at the subsidised price of \$10.

2014	ROSTERS		SPEAKERS 2014
	Raffle	Supper	
MAR	Jay Steer	Urszula	Historical Club slides
APRIL	Ramon & Trish Newmann	Margaret Fox	Chris French - An overview of the Pterostylis nana complex
MAY	George and Urszula Kosinski	Urszula, Marina, Sarah	Eric Swarts - Orchids of Tasmania
JUNE	Jeanette Wheatley	Jeanette Wheatley	Kevin Thiele—The Western Australian Herbarium
JULY	Peter and Debbie Proudfoot	Donna Wajon	Ian Small - DNA and plant classification
AUG	Yuko MacKenzie	Pam Hill	Ryan Phillips - Orchid pollinator research
SEPT	Noel and Mary Hoffman	Trish and Ramon Newmann	TBA
OCT	Bob Steer		Andrew Brown - Our December/January flowering orchids
NOV	David Lawson		Photo Competition & Members slides