

**BULLETIN July 2012**

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**PHOTOGRAPHIC EXHIBITION: MANJIMUP TRUFFLE KERFUFFLE**  
**16th JUNE 2012**

After a chance meeting at Lake Muir in October 2011, I was invited to do an exhibition of photos of some of the orchids found in the Manjimup Shire at the Truffle Kerfuffle festival in June.

As the Shire covers a very large area, including half of the Muir Highway, Walpole, Northcliffe and Pemberton, there were over 150 species of orchids to choose from. I mounted and set up 39 photographs on large cardboard sheets so they could be attached to pin-up boards. The exhibition was designated a walk through area, which posed a few problems but still generated considerable interest, particularly amongst local people.

There was appreciation for the photographs and wonder expressed at the diversity and beauty of the orchids, with a number of confessions of orchid collecting en masse in the past.

Some WANOSCG brochures were given out to interested people and we collected some tips for new places to visit in the Spring in the Manjimup area.. Two new contacts for the area were collected, with one lady inviting us to survey her property in Denmark, which had a fire through it last summer.

All in all, it was a successful exercise, with new local contacts obtained and the provision of information to people about WANOSCG, as well as opening their eyes to the presence and beauty of their local native orchids.

Margaret Petridis

## EUROPEAN ORCHIDS

My wife Kaye and I met Etienne Delanoy in Rome in early April for the 'Italian Orchid Safari'. We drove in Etienne's car the 700km journey to Syracuse on the island of Sicily and readied ourselves for the 25 locations that Etienne had planned. Each of the sites were within 40km of Syracuse. He had prepared a huge spreadsheet of where to go and what we might see at each place. As always, it turned out that we couldn't find everything but we did find some other things that were not on the list. Roads in Sicily are tortuously winding with numerous intersections

and often massive slopes. Without Etienne's GPS locations and his faithful Tom Tom navigator there would have been no way in which we could have arrived at many of the places we visited. One of the features of every site we visited was that there were a range of species. It became a little joke that we would not leave a site until we had found at least 10 different species. It turned out that it was a rare occasion when we found less than 10 and then it was often 7 or 8. The sites varied from open pastures that were often on private land enclosed in dry stone walls, to precipitous hillsides and sometimes open forest.



Most times Etienne had specific orchids he wanted to see, some of which were quite rare in France, but plentiful in Italy and in Sicily in particular. The first site was an hour's drive west of Syracuse and at first glance looked like any other hillside. I opened my side of the car and there, down the slope only 5m away, which even I could not miss, were my first Sicilian orchids. A dozen or so *Ophrys crabronifera* together with *Ophrys incubassia* and some *Ophrys lutea*.



*Ophrys crabronifera*



*Ophrys incubacea*



*Ophrys lutea*



*Ophrys ciliata*

Etienne in the meantime had looked on his side of the car and found 3 other species within 10m of the car, including *Ophrys ciliata*. This was exciting for him as this species is only found at one site in all of France.

It was a pretty exciting introduction. By the time we left that site we had found about 14 species. This had involved what I thought was quite a bit of slope both sideways and uphill. I was to find out as time progressed that this slope was very gentle and easy. My favourite orchid from this site was *Ophrys oxyrhynchos*.



*O. oxyrhynchos*

We travelled on to the next site which was by a beautiful lake. It turned out that that day was a public holiday and we had to negotiate many family picnickers on a single lane narrow winding road that wound along the lake shore. We arrived at the site at the foot of a precipitous hillside and went in search of a specific orchid which we couldn't locate (despite a specific GPS). Undeterred we scrambled along the hillside and found a range of species including the tiny *Ophrys bombilyflora* which was often only 5cm tall and located in grass the same height.



And so the day continued with visits to two more sites and further finds of all sorts of things. Having started at about 9am (really 8am due to daylight saving) we finally returned at 5 pm with about 20 different species under our belt.

The next day brought new sites and new flowers. However there was also a huge abundance of some species and rather like WA where Cowslips are very common, so too was *Orchis papilionacea*. The subspecies (or variation) in Sicily is called *grandiflora* or *expansa*. They were at almost every site and had wide variations in colour and size. When we moved onto the Italian mainland we found others that were var. *rubra* (which was an interesting name given that many of these were almost white with only a hint of pink). In addition there were some that were genuine alba flowers (completely white) and there were others that were hybrids.



*Orchis papilionacea* var *expansa*



*Orchis papilionacea* var *rubra*



*Orchis papilionacea* var *rubra* [pink flowers]

By the time we had left Sicily we had completed 5 days of hunting and had covered an area of 40km by 30 km (about half the size of the Perth metro area). We had found 35 species plus many hybrids and a number of alba plants. SOOOO ... it was then back to the mainland and to the Taranto area. Our first base was in the little



*Orchis papilionacea* var *expansa* [alba flower]

village of Crispiano. By now Etienne had converted me to recording the different species at each site and this turned out to be really useful for identifying photos of flowers when loading them onto the computer. He was, as always, fastidious in record keeping. At Crispiano we encountered more of the *Serapias* group.



*S. orientalis*



*S. bergonii*



*S. lingua*



*S. neglecta,*

These had been present in Sicily especially in a field at Cava Grande where we had found the above 3 species. Now on the mainland we found other species. The further we went the more we found.



*S. apulica,*



*S. vomeracea*



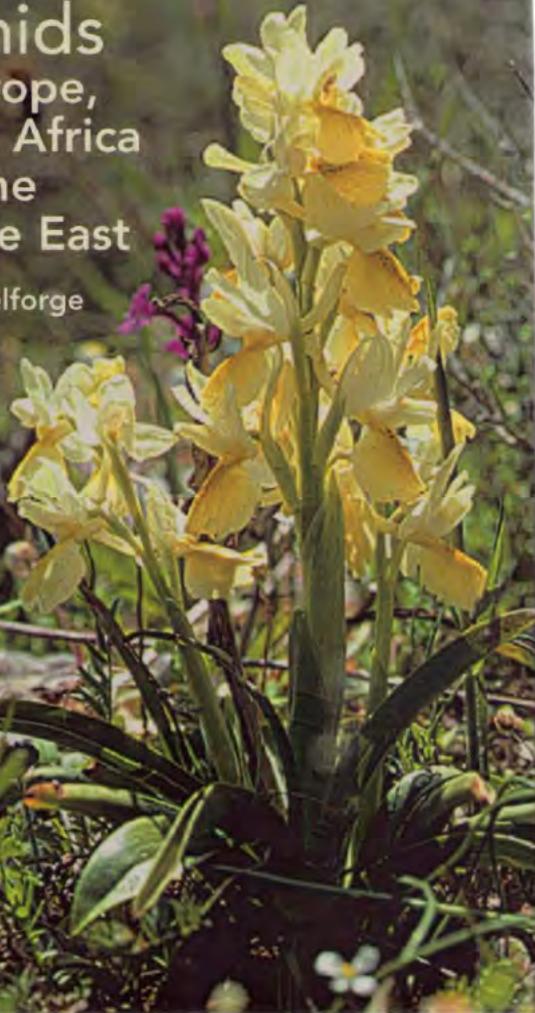
*S. parviflora*



*S. olbia*

# Orchids of Europe, North Africa and the Middle East

Pierre Delforge



The guide book for identifying orchids was by Peirre Delforge

In this book was the dichotomous key for deciding upon differences. The *Serapias* group has 29 subspecies that use 27 differing characteristics for identification. The level of detail was bewildering for me. I became used to Etienne dissecting a flower every now and then so that he could look at the size and shape of its components and thus he could identify it. Given the substantial numbers of each species there was no danger of destroying a rare specimen.



While in Crispiano, We took some time away from orchiding to visit the World Heritage town of Alibello. Here are 15<sup>th</sup> century houses called 'trulli'. Their distinctive roof design creates a unique urban landscape and we had a happy day wandering around sight-seeing.

Some of the days Etienne and I were on our own and other days Kaye came with us. Despite Etienne's excellent organisation, Kaye often prefers the serendipitous stopping at a likely spot just to see what is there. And so it was that while on the way to another pre-planned site Kaye said 'Let's stop here!' So we did and this is what we found.

*O. ciliensis*



After 4 days and many more finds we moved to the Gargarno Peninsular and to the 11<sup>th</sup> century hilltop town of Monte Sant'Angelo. To reach this town involved a 6 kilometre climb of dozens of hairpin bends that took us up the 800 metres needed to reach the town. Everywhere has panoramic views from around the edges of the town from the coast to the green fields that form the agricultural background of this ancient settlement. If you don't like hills, don't go to this town as nothing is flat, even when you finally arrive at the top. Orchiding trips involved going down the mountain and sometimes up the adjoining one, but there were great sites on the peninsular.

Here are some of the Gargarno species.



*O. sipontensis*



*Orchis pyramidalis*



*N. ustalata*



*O. biscutella*

Once again, recognition of similar species was a challenge. The *Ophrys bertolonii* group was a case in point. This was the dichotomous key from Delforge

Key to the <i>Ophrys bertolonii</i> group	
1	stigmatic cavity taller than broad, deeply incised laterally ..... <i>O. bertolonii</i>
1*	stigmatic cavity broader than tall, not or only slightly incised laterally .....2
2	sepals frequently green or washed green (90%) ..... <i>O. bertolonii</i> formis
2*	sepals violet, pink or white .....3
3	lip (13-) 14-21mm long, appearing broadest at tip .....4
3*	lip 8-16mm long, appearing broadest in centre or at base .....6
4	speculum placed towards tip of lip, rather simple .....5
4*	speculum central, with ocelli, indentations or branches ..... <i>O. benacensis</i>
5	large lip, often entire, basal field elongated ... ..... <i>O. aurelia</i>
5*	lip often 3-lobed (80%), basal field rather short ..... <i>O. balearica</i>
6	few-flowered, averaging 3-4 blooms but may be up to 7 (-9); lip as long as dorsal sepal or longer .....7
6*	flowers more numerous, averaging 6 but may be up to 10 (-13); lip shorter than dorsal sepal ..... <i>O. drumana</i>
7	lip 8.7-11.5mm long, with yellow hairs ..... ..... <i>O. flavicans</i>
7*	lip (10-) 11-16mm long, with reddish to blackish hairs .....8
8	early flowering, mainly end III-early IV ..... ..... <i>O. explanata</i>
8*	later flowering, mainly end IV-V ..... 9
9	petals sometimes broad, centre often pale, margins differently and brightly coloured; appendage very small to absent, inserted into a weak notch; stigmatic cavity rounded when viewed from the front ..... <i>O. catalaunica</i>
9*	petals often narrow, rarely arachnitiform; appendage rather prominent, inserted into a distinct notch; stigmatic cavity (near) quadrangular when viewed from the front ..... <i>O. saratoï</i>

We had found some of this group in Sicily and now there were more at Gargano and then we were to find other ones in the south of France.

These are the photos, but when you try to use the key to sort them, you will find as I did, that it still not easy (or nearly ... or completely ... impossible). It requires lots of experience and a very well trained and well educated eye to sort them. Even Etienne changed his mind about what the first ones in Sicily actually were (Fair enough as he had never seen them in the field before).



*O. bertolonii* (also called *O. romolini*)



*O. explanata*

I am not sure whether we actually saw *O. bertolonii* or not, as my photos are not detailed enough to see whether the stigmatic cavity (the opening below the column – which looks like a little ‘bird’ with an ‘eye’ on each side – is taller or broader [see key above]. I only learned about this later in the trip, but by then we had left the sites where these flowers occurred. )



*O. bertoloniformis*



*O. drumana*



*O. aurelia*

The next phase of the trip saw us travel to the walled city of Lucca and then on to the south of France. In France we had some local experts to guide us at a couple of sites and it certainly helps to have expert local knowledge. We stayed both with friends of Etienne's and also a few days with his mum. Then it was a return to Paris and apart from the city we also had a chance to look through the laboratory where Etienne is conducting his research. It was a memorable trip and I now have on my agenda a trip to Crete where even more treasures await discovery.

Below are a few photos from south of France. There are too many put them all in. If you want to see the rest you will have to organise a 'slide night' at my place!!!!



*Dactylorhiza sambucina*



*Orchis purpurea*



*O. biscutella*



*Orchis quadripunctata*



*Platanthera bifolia*



*Limodorum abortivum*

**John Ewing**

# WANOSCG GENERAL MEETING MINUTES Wednesday, 20<sup>th</sup> June 2012

Meeting held at: BGPA Boardroom, Kings Park.  
Meeting opened: 7:30PM

**CIRCULATION OF REPORTS:** Attendance Book and Treasurers Report were circulated to the members

**ATTENDANCE:** 37 members present 6 apologies 1 visitor

**RAFFLE :** Kindly donated by Ian McLean

## 1. PREVIOUS GENERAL MEETING MINUTES

There were no amendments:

The General Meeting Minutes are a true and correct record of the meeting of 16 May 2012. Moved: Gary McDonald and Seconded Ross Fox and carried.

## 2. BUSINESS ARISING FROM THE PREVIOUS MEETING

Adopt a Burn: Margaret Petridis told the meeting that Andrew Brown would like any information that is gathered from the Burn Surveys plus the date of the burn plus the fire history. These can be obtained through either Tom or Margaret who know how to get this from DEC.

Northcliffe Field Trip: The accommodation at the Kilns has been booked. Let Margaret Petridis know if you wish to stay there.

Orchid Conference: Bruce Larsen the convenor has indicated that there will now be 4 trips. There is still need for 2 or 3 people to assist on the day. The trips will be leaving from Burswood.

## 3. TREASURER'S REPORT

This was circulated to members and showed that income was \$3078.85 and an expenditure of \$358.34 giving a balance at the end of the period of \$5520.77. With the 3 Term Deposits there is a balance of \$69,824.92. There are 29 outstanding members who have still not paid their dues.

## 4. CORRESPONDENCE

None that requires any attention.

1. Ruth Rudkin sent a letter of thanks and continuing interest.
2. Anna de Haan: Standardisation of GPS readings.

## 5. FIELD TRIP REPORT:

**Northcliffe burn** (13/14 Oct): The fee for accommodation is \$200/night for more than 10 people at the Water Mark Kilns. Margaret Petridis is leading this trip. Please let Margaret know if you wish to be included in the booking at the Kilns.

***Thelymitra apiculata***: Kim Hanson is leading this trip next Saturday 23 June.

### Personal Field Trip Reports

Ross Fox: Williams Rd of Brookton Highway: *Pterostylis hamiltonii* (Red-veined Shell Orchid) & *Pterostylis vittata* (Banded Greenhood) and *Caladenia drummondii* (Winter Spider Orchid)

Mogumber: At 10km along the road from Mogumber no plants of *Thelymitra apiculata* but 20 km along the road there were 9 plants in flower. Also seen were 5 *Pterostylis dilatata* (Robust snail orchid) and some *Pterostylis vittata* (Banded Greenhood).

Regans Ford: *Pterostylis* sp. 'coastal' was found.

Noel Hoffman: A form of *Diuris brumalis* (Winter donkey orchid), has been found up near Dongara. He is going to look at these and also some *Eriochilus dilatatus* subsp. *brevifolius* (Blunt-leaved Bunny Orchid). He said that the leaves are actually very pointed.

Northcliffe & Windy Harbour: *Corybas recurvus* (Helmut Orchid) and *Cyrtostylis robusta* (Mosquito Orchid) in bud and some *Pterostylis rogersii* (Curled-tongue Shell Orchid).

Julie McKenzie: Hynes Road: Snail orchids on the verge.

Moora: *Pterostylis scabra* (Green-veined Shell Orchid).

## 6. GENERAL BUSINESS

**1. Orchid publications:** These had been tabled. The members were told to take only one.

**2. Gary Backhouse CD on Caladenias of Australia:** John Ewing will have these available at the next meeting.

**3. ADORP:** Kim Hansen said that this project was going very nice. Andrew Brown has sent another publication. See him about this. Andrew needs more photos of habitats etc + GPS readings.

**4. Anne Storey:** Has **accommodation available for the trip to Busselton in September.** Members will have to organise this accommodation very soon if they are going on this trip. There are 9 beds available, 2 showers and 2 Toilets. The price is \$80 for 4 people and \$20 for any extra person.

**5. Orchid Conference:** There are now 4 tours needed as there are more people coming than was expected. There are needed 5 other people to help with this. The four tours are now as follows:

- Tour 1 NW of Perth taking in Lightning Swamp, Star Swamp, Joondalup Reserve, Butterworth Reserve.
- Tour 2 Hills area: John Forrest NP, Kalamunda NP Pomeroy Rd and various other sites.
- Tour 3 South Suburbs: Wireless Hill, Hope Rd + other areas. JE to ask Jack Eborall re this.
- Tour 4: Reverse of Tour 1 taking in Bold Park as an extra. There will be groups of 20 people on each tour. Start 9:30 am Finish 4:00 pm Tours will be 45mins – 1 hour each site; less time for the hills area due to the distance. David James is to be one tour guide.

**6. Niall Sheedy** of DEC at Jurien Bay needs **assistance to monitor orchid populations.**

**7. Jack Eborall's Spider Orchid:** John Ewing will let members know if they are interested in seeing this orchid in August.

**8. Mark Brundrett's Book:** John Ewing projected a page of the book and the key and explained how it works. The

section on *Pterostylis* may be ready for the next meeting.

**9. Eriochilus tenuis:** John asked members if they had a **photo** of one to please get it to Mark as he is very interested in getting one.

**10. Margaret Fox** asked if anything had been done about **1st Aid** equipment as the Past President wanted the equipment available for field trips. John said that if we have a qualified operator then there would be a higher liability to pay on the insurance. John Ewing will pursue this matter. Margaret said there was a need for some members to have general 1<sup>st</sup> Aid knowledge. Sarah said that Red Cross has a very good 1st Aid course as she has just done one through her work. The Committee will investigate.

#### **7. CONSERVATION REPORT**

John Ewing said there was nothing to report on this month.

#### **8. GROWERS TABLE**

Nothing on the table this month.

#### **9. PRESENTATION**

John Ewing gave a very interesting talk on the orchids he saw when he visited Sicily and other areas of Italy and France. He had a great time with Etienne Delanoy who is now living in Paris and still continuing his DNA research on plant proration.

#### **10. RAFFLE DRAW**

Drawn by John Ewing – the winner being Ramon Newmann.

**MEETING CLOSED: 10:00 pm**

**NEXT MEETING: 7:30 pm Wednesday**

**18 July 2012**

## **GPS Standardisation Proposal**

Beneath is the letter from Anna de Haan regarding standardising GPS readings. The matter will be discussed at the next general meeting. You can send your view via e-mail to [wanoscg@gmail.com](mailto:wanoscg@gmail.com) before 18<sup>th</sup> July 2012.

16<sup>TH</sup> May 2012

**Re: Standardising Map Datums and Latitude Longitude**

Dear WANOSCG Committee,

An increasing number of club members are embracing the use of Global Positioning System (GPS) receivers in their quest to accurately plot locations of the orchids they find. Many members are happy to forward and share their GPS coordinates with other club members whilst other club members are recording coordinates as part of the "Adopt an Orchid" Project. However, when trying to use these coordinates some are unreliable and/or unusable due to the vast range of map datums as well as latitude longitude formats being used.



There is a standard used by the Western Australian Herbarium. The standard is:

Map datum:           AUS 94  
Latitude longitude:   degrees, minutes, seconds  
  
Expressed as:                    AUS94  34° 37' 40.0"S       117° 38' 16.0"E

The coordinates are then followed by a brief description of the location and habitat, i.e. 10.5 km along Blackmore Road from the Corrigin-Brookton Road in remnant bushland on south side of road. Plants found under tall Eucalypts.

N.B. When cross referencing against the "Threatened and Priority Flora Report Form" used by the "Adopt an Orchid" Project and the "Rare Flora Report Form" the GDA94 / MGA94 box would be ticked using the proposed standardised format.

Garmin and Magellan are the most common GPS receivers used by club members. Both are able to be set up using the above standard, however, the older Magellan Explorist 100 models would use AUS 84 instead of the updated AUS 94. The variation is a matter of centimetres.

I propose that WANOSCG adopt the standard used by the Western Australian Herbarium when recording, sharing and forwarding GPS coordinates. The standard is:

Map datum:           AUS 94  
Latitude longitude:   degrees, minutes, seconds  
  
Expressed as:                    AUS94  34° 37' 40.0"S       117° 38' 16.0"E

The coordinates are then followed by a brief description of the location and habitat.

If this proposal is accepted please announce at the monthly meeting and in the WANOSCG Bulletin a change over date from which the standardisation will be used. I do not propose the change is back dated nor the current data base be changed. Simply start recording data using the standardised map datum and latitude longitude in degrees, minutes, seconds at the beginning of the designated change over month.

Thanking you in advance for considering this proposal which will standardise the presentation of data, making club records and the sharing of information more accurate as well as being professional when forwarded to the WA Herbarium and D.E.C. I anticipate hearing your response in the near future.

Yours sincerely

Anna de Haan  
Southern Rivers Group Convenor.



## FIELD TRIP REPORT

### MOGUMBER ROAD WEST AND GILLINGARRA ROAD

23<sup>rd</sup> JUNE 2012

With a forecast for a sunny day, around 30 members met at Red Gully Road and headed to Mogumber Road West via an unexpected detour.

Here, despite a chilly wind, we found Cleopatra's Needles (*Thelymitra apiculata*), the Robust Snail Orchid (*Pterostylis dilatata*) and a late Common Bunny Orchid (*Eriochilus*



*dilatatus* subsp. *multiflorus*) in flower. We also saw the Autumn Leek Orchid (*Prasophyllum parvifolium*) and a green banded greenhood in bud.

We then headed to Gillingarra Road where we stopped at the Bundarra Nature Reserve for lunch. After much searching, we found Hare Orchids (*Leporella fimbriata*) in flower, the Dark Banded Greenhood (*Pterostylis sanguinea*) in bud and lots of leaves of the Arrowsmith Pansy Orchid (*Diuris* sp. 'Arrowsmith').

Our last stop was in a large gravel pit on Gillingarra Rd where we found a new population of Cleopatra's Needles (*Thelymitra apiculata*). Around 15 plants were seen with most of them in flower.

We also found a couple of flowers of the Hare orchids and Robust snails, and many Hare orchid leaves.

After this, some members headed to Moora with Andrew Brown and others headed home.

It was an enjoyable and productive day.

Report & Photos

Margaret Petridis



ORCHID	PLACE	MOGUMBER RD WEST	GILLINGARRA Rd	
			BUNDARRA	GRAVEL PIT
<i>Pterostylis dilatata</i>		F, B		F, B
<i>Pterostylis</i> ( green banded)		B		
<i>Prasophyllum parvifolium</i>		B		
<i>Thelymitra apiculata</i>		F, B		F, S, L
<i>Eriochilus dilatatus</i> subsp. <i>multiflorus</i>		F, S, L		
<i>Leporella fimbriata</i>			F, S, L	F, S, L
<i>Pterostylis sanguinea</i>			B, L	
<i>Diuris</i> sp, 'Arrowsmith'			L	

F- Flower    B- Bud    L – Leaf / Leaves    S - Seeded

*Thelymitra apiculata* Photo by  
Stephen Buckle



**ACCOMODATION OPTIONS FOR OCTOBER  
13<sup>TH</sup>/14<sup>TH</sup> FIELD TRIP AT NORTHCLIFFE**

**WATERMARK KILNS:**

Only double bunk beds still available in shared spaces.

Contact Margaret Petridis to discuss.  
0409677385

**ROUNDTU-IT CARAVAN PARK:**

97767276

[Roundtu-it@westnet.com.au](mailto:Roundtu-it@westnet.com.au)

Powered and unpowered sites, on-site caravans, new S/C chalet

**CANTERBURY COTTAGE:**

97751055

Sleeps up to 4 people  
18.6km SE Northcliffe

**GILVONNIE'S FARMSTAY B&B:**

97767022

Armstrong Rd, Northcliffe  
Twin and double rooms

**NORTHCLIFFE HOTELAND MOTOR  
INN:**

97767089

Hotel rooms and 6 new, well appointed motel rooms

**RIVERWAY CHALETS:**

97767183

Riverway Rd, close to Northcliffe  
[bookings@riverwaychalets.com.au](mailto:bookings@riverwaychalets.com.au)

Check 'Northcliffe accommodation' online for other options or contact the Northcliffe Visitor Centre: 97767203

This year WANOSCG **Photo Competition** theme is: *Pterostylis*  
 Please submit 3 photos of *Pterostylis* species - Size 6" X 4"  
 (15.24 cm x 10.16 cm)  
 Photos have to be taken in 2012 season only.  
 The competition will take place at November General Meeting.  
 Happy "shooting"!



**BULLETIN ARTICLES**

Please email any Bulletin contributions to  
 Urszula Kokosinska at [redacted]

Articles for the next Bulletin need to be submitted  
 by 4<sup>th</sup> August 2012.

**OBJECTIVES OF THE GROUP**

- a) To promote interest in and preserve Western Australian indigenous orchids.
- b) To learn the best means of cultivation and do all things possible for the conservation of native orchids in their environment.
- c) To learn their habits and keep records.
- d) To have field days and learn to recognize the different genera and species.
- e) To hold meetings for the exchange of knowledge and furthering of interest in W.A. orchids.
- f) To affiliate with kindred organizations.
- g) To make rules for the governing of the Group's domestic affairs.
- h/ To do all such lawful things as are incidental to or conducive to the attainment of the above objectives.

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**19th AOC Conference & Show**

Perth, Western Australia

11th to 16th September 2012

*"Wild About Orchids"*



For the latest information  
 on what's on and to book  
 various activities and tours  
 visit

[http://www.waorchids.iinet.net.au/19th\\_AOC\\_Conference.htm](http://www.waorchids.iinet.net.au/19th_AOC_Conference.htm)

**2012 FEES**

All members are reminded that annual subscriptions are now due. The annual single or family membership fee is \$30. Payment can be made in person to the Treasurer or by mail with cheques made out to WANOSCG and sent to:

**WANOSCG**  
**PO BOX 323,**  
**VICTORIA PARK, W.A. 6979**

Or 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 advise Kim Hanson our Treasurer by

e-mail [redacted] that you have done so. Please note that if the fees aren't paid by the end of May you will be a nonfinancial member and will **not receive the Bulletin** anymore.

**COMMITTEE MEETINGS**

Wednesday 4<sup>th</sup> July at 7.30 pm,  
 Wednesday 1<sup>st</sup> August at 7.30 pm

**NEXT GENERAL MEETING** July 18<sup>th</sup> at **7.30** pm at the Lecture Theatre, Kings Park Admin. Office.

2012 General Meetings	
July 18 <sup>th</sup>	October 17 <sup>th</sup>
August 15 <sup>th</sup>	November 21 <sup>st</sup>
September 19 <sup>th</sup>	

*Note: The opinions expressed by contributors to this Bulletin are not specifically endorsed by this Group*

Month	RAFFLE ROSTER	SPEAKERS 2012
MAR	Ramon Newmann	Russell Barrett – Kimberly Orchids
APRIL	Ross & Margaret Fox	Eddy Wajon, Stuart Harris – ADORP progress
MAY	Urszula & George Kokosinski	ADORP – Jay Steer – <i>Thelymitra magnifica</i>
JUNE	Ian McLean	John Ewing – Orchids of Italy
JULY	Clive Pegler & Allison Higgins	David Deely & Graham Bowden - Orchid Preservation
AUG	Peter & Debbie Proudfoot	Mary Gray – Conservation of urban bushland and the threats to our wildflowers, especially orchids.
SEPT	John & Heather Hills	ADORP progress
OCT	Bob Steer	Jay Steer – Gibbons slides from WANOSCG Library collection.
NOV	Thea & Kim Hanson	Photo Competition

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## 2012 FIELD TRIPS

**If you intend to take part in any of the below trips please advise our Field Trip Coordinator - Iain McLean**

Date	Place	Targeted species/Notes
21 <sup>st</sup> July Saturday	Williams and Narrogin area	Shell Orchids – Meet at truck bay 20 km before Williams at 9.30-10.00 am
18 <sup>th</sup> /19 <sup>th</sup> August	Eneabba area	
9 <sup>th</sup> September Sunday	Brookton Hwy	
15 <sup>th</sup> /16 <sup>th</sup> September	Wyalkatchem, Wongan Hills	
late Sept./early Oct.	Banjup	<i>Caladenia huegelii</i> survey
29 <sup>th</sup> -30 <sup>th</sup> Sept.-1 <sup>st</sup> Oct.	Busselton area	
early October	Boddington, Williams, Quindanning	Possible day trip
13 <sup>th</sup> /14 <sup>th</sup> October	Northcliffe Burn	

Please note:

- Field trip leaders are to be appointed for each separate field trip.
- The last person to arrive at meeting point of orchid field trip will write the trip report.