



**BULLETIN**  
*OF THE*  
**WESTERN AUSTRALIAN NATIVE ORCHID  
STUDY AND CONSERVATION GROUP  
(INC)**

(1974 – 2002)

*JULY 2002*

Registered by Australia Post Publication No WBH 1240

OFFICE BEARER	ADDRESS	PHONE
PATRON	Dr. Steve Hopper	
PRESIDENT	Mike Harner	
VICE PRESIDENT	Noel Clarke	
VICE PRESIDENT	Don Manners	
IMMEDIATE PAST PRESIDENT		
SECRETARY	Garry Brockman	
TREASURER	Delyce Hayward	
COMMITTEE	Eddy Wajon	
	Phil Bunnev	
	Ian Greeve	
	Virginia Bird	
FIELD TRIP COORDINATOR	Christine Lock	
LIBRARIAN	Bill Burton	
EDITOR	Noel Clarke	
CONSERVATION OFFICER	Eddy Wajon	
REGISTRAR	Chris French	
AUDITOR	Ross Wilton	
SUPPER COORDINATOR	Donna Wajon	
CONSERVATION COUNCIL REPRESENTATIVE (1)	Eddy Wajon	
CONSERVATION COUNCIL REPRESENTATIVE (2)	Wayne Merritt	

#### 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 habitats and keep records.
- d) To have field days and learn to recognise the different genera and species.
- e) To hold meetings for the exchange of knowledge and furthering of interest in Western Australian orchids.
- f) To affiliate with kindred organisations.
- g) To make rules for the governing of the Group's domestic affairs.
- h) To do all such other lawful things as are incidental to or conducive to the attainment of the above objectives.

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

POSTAL ADDRESS OF GROUP: PO Box 323

Vic Park 6979

Temporary E-mail address: [REDACTED]

Temporary web page address: [REDACTED]

#### **NEXT COMMITTEE MEETING**

Wednesday, 17 July 2002 at 7.00 p.m. at the Lecture Theatre, Kings Park Administration Office.

#### **NEXT GENERAL MEETING**

Wednesday, 17 July 2002 at 8.00 p.m. at the Lecture Theatre, Kings Park Administration Office.

#### **GUEST SPEAKER**

Raquel Carter from WWF threatened flora coordinator – "Threatened Flora".

#### **VALE BILL JACKSON**

Sadly I have to report that Bill Jackson passed away on 17<sup>th</sup> June. Bill was a very good member always willing to help and pass on his knowledge. He will be sadly missed. The Group was well represented by 13 members at the service in Walpole.

Gloria, Steve, Sue & family would like to thank everyone for the cards, their attendance & their thoughtfulness in helping to celebrate the life of their loving husband, father & grandfather - Bill.

#### **FORTHCOMING MEETINGS**

19 June	General meeting
21 July (not 14)	Field trip Canning Regional Park
22 July	B. Burton T variegata
17 July	General meeting
10/11 August	Field trip Paynes Find
17/18 August	Field trip Busselton
21 August	General meeting
31 Aug/1 Sept	Field trip Bunbury
7/8 September	Field trip Perenjori / Watheroo
15 September	Field trip The Spectacles
18 September	General meeting
22 September	Field trip Ken Hurst Park
28-30 September	Field trip Pemberton / Northcliffe
6 October	Field trip Yeal Swamp
16 October	General meeting
19 October	Field trip Perth to Martup Pool
20 November	General meeting

#### **ANNUAL GROUP MEMBERSHIP FEES** **MEMBERSHIP FEES ARE NOW DUE.**

*The Groups financial year commences on 1 February.*

The membership fees are as follows:

Single membership \$20.00 pa.

Family membership \$20.00 pa.

New membership \$10.00 joining fee and if joining after 30 June membership fee for the year adjusted prorata.

**The digit after your name on the address label is the year for which you are financial and is updated to the last meeting.** If you have paid since then please make the allowance.

**Please send fees to The Treasurer, PO Box 323, Victoria Park, 6979.**

#### **RED STICKER**

Do you have a red sticker on the address label? If you do it means that according to our records you are an unfinancial member and we look forward to payment of your 2002 fees.

#### **BULLETIN CONTRIBUTIONS**

Contributions are needed for every edition of the Bulletin. Articles should be sent to Noel Clarke. The article submission deadline for the next issue is **1 August 2002**. Country members, we would love to share your orchid adventures (or misadventures). Many private field trips are undertaken, how about sharing them with the membership via the Bulletin.

#### **SUPPER COST**

Each month our supper is generously donated by group members (per list on the back of the Bulletin), while the group supplies the tea, coffee, sugar and milk. To recoup some of the cost of these supplies, a modest fee of 50 cents applies. This can be left on the supper table and will be collected by the Treasurer at the end of the evening.

*Also please rinse out your cups when you have finished with them.*

#### **WANOSCG ORCHID SIGHTING FORMS**

Donna & Eddy Wajon have produced a new sighting form including suggested alterations. It will be a lot easier to use. These forms will be available at the next meeting.

Please help get our database off and running. When you fill in the form please provide as much information as you can. If you can only provide the location as District or Shire and road name this will suffice. The vegetation and land details are for historical records and need not be filled in.

Chris French is waiting with his fingers poised over the keyboard to enter the data you provide into the computer.

#### **TSHIRTS**

The June meeting suggested members might like to renew their Group T-shirts with the club badge on it. Don Manners is getting a current

price from the last supplier for the July meeting. Members wishing to purchase new T-shirts please put your name down with the treasurer.

#### **FOR SALE**

Rufa Trip Report \$10.00.  
Caladenia flava Badges \$4.00 members, \$5.00 non-members.  
Name Badges \$10.00.  
Orchids of WA (2<sup>nd</sup> Ed) \$9.00.  
Orchids of SW Australia \$45.00.  
Orchid Flowering Times \$5.00.  
Colour guide to Spring Wildflowers by Eddie Wajon \$ 18.00 each.  
Part 1: Kalbarri & The Goldfields.  
Part 2: Perth & The Southwest.  
Part 3: Esperance & The Wheatbelt  
Car Stickers \$1.50.  
Pat Dundas Cards \$8.00.  
Bush Survival Kit \$4.00.  
History of WANOSCG \$3.00.

#### **NAME BADGES**

Group name badges can be ordered from the Treasurer. The cost is \$10.00 each.

#### **FIELD TRIP PROCEDURES**

**Remember the rule, keep the following vehicle in sight. If it falls behind then slow down till it catches up.**

**Most importantly when you turn, stop at the turning point till you are sure the following vehicle is going to turn.**

No participant in a field trip is exempt from these two important rules.

#### **FIELD TRIPS**

**Please ensure you have sufficient fuel to get you through the field trips.**

Please advise the Field Trip Coordinator, phone [redacted] or the field trip leader, if you intend participating.

It is important that you advise the Field Trip Coordinator because then you can be advised of any change of plans, etc.

The field trips listed are proposed and are subject to change if needed.

**Please consider car pooling, particularly on metro trips.**

#### **FIELD TRIP 21 JULY TO CANNING REGIONAL PARK. (Note date correction.)**

Eric Swarts is trip leader.

Meet at Adenia Rd

Bridge at 1.00 pm.

Please advise Eric Swarts or Christine Lock, phone [redacted] if you are going.

#### **FIELD TRIP MONDAY 22 JULY TO BRAND HWY**

Bill Burton is trip leader, phone [redacted]

This trip is to see *T variegata* at 3 known sites and survey other sites within 25k range.

If attending phone Bill prior to Sunday 21 July and again on Sunday evening 21 July for change of date if weather is unsuitable (wet or cloudy). Change of date will be to a weekday as soon as weather permits after the above date. If unable to contact Bill on [redacted] leave a message on [redacted]

#### **FIELD TRIP 10/11 AUGUST TO PAYNES FIND**

Noel Clarke is trip leader, phone [redacted]

This trip is subject to rain. So far only 7mm has been recorded. Check 4 August if trip is still on.

Meet at Wubin at 10 am opposite service station on the corner.

There is some accommodation at Paynes Find. There is a rock area 36k North of Paynes Find, beyond the statutory 30k limit for camping. We will be visiting this rock area.

#### **FIELD TRIP 17/18 AUGUST TO BUSSELTON**

Noel Clarke is trip leader, phone [redacted]

Meet at 10 am on 17 August at parking area on East side of Bussell Hwy South of Robertson Drive, Bunbury.

Overnight at Busselton. Find your own accommodation. I will be at Beachlands Caravan Park, freecall 1800622107.

#### **FIELD TRIP 31 AUGUST 1 SEPTEMBER TO BUNBURY**

Chris French, phone 93101957, will lead the trip on 31 August and Sherry Thomas will lead on 1 September.

Meet at 10 am on 31 August at Lake Clifton BP service station approx. 30k South of Mandurah.

Overnight at Bunbury; find your own accommodation.

#### **FIELD TRIP 7/8 SEPTEMBER TO PERENJORI / WATHEROO**

Ian Greeve is trip leader, phone [redacted]

#### **FIELD TRIP 15 SEPTEMBER TO THE SPECTACLES**

Christine Lock is trip leader, phone [redacted]

#### **FIELD TRIP 22 SEPTEMBER TO KEN HURST PARK**

Eddy Wajon is trip leader, phone [redacted]

### FIELD TRIP 28-30 SEPTEMBER TO PEMBERTON & NORTHCLIFFE

Christine Lock is trip leader, phone [REDACTED]  
Overnight at Pemberton.

**Note** – Accommodation is usually fully booked at Pemberton for this long weekend, so get in early if you intend going on this trip.

### FIELD TRIP 6 OCTOBER TO YEAL SWAMP

Christine Lock is trip leader, phone [REDACTED]

### FIELD TRIP 19 OCTOBER TO ALBANY HWY, PERTH TO MARTUP POOL

Christine Lock is trip leader, phone [REDACTED]

### ECOLOGY OF THE BUSH by ERIC McCRUM

Eric chose to speak to us about one bush habitat only – granite outcrops. His talk illustrated to us that to talk about the ecology of the whole bush would take many sessions to cover the bare bones only.

Eric illustrated his talk with excellent slides. He started with typical views of granite outcrops. Then he zoomed in to the mosses & lichens followed by plants & shrubs that provide habitats for the myriad of insects, invertebrates and animals that make granite outcrops their home. In turn these provide food for the birds. All contribute to pollination & seed dispersal.

The mosses, etc provide niches for some orchids to grow on the outcrops - *Spiculaea Paracaleana* & *Thelymitra*.

Trees and shrubs grow by sending their roots down through the cracks in the rock.

The run off from the outcrops contributes to another habitat for plants & orchids, but this is another ecological habitat.

### CALADENIA LONGICLAVATA COMPLEX by MIKE DUNCAN

Since sighting my first specimen of *C. longiclavata* with the group at Woodanilling last year I have struggled to understand the diagnostic features peculiar to the individual members of the *C. longiclavata* complex (*C. arrecta*, *C. ensata*, *C. longiclavata*, *C. magniclavata* and *C. rhomboidiformis*).

However, after much head scratching and a bit of research, I think I've on the right track and I thought I'd share what I've learnt.

*Caladenia longiclavata* was the first species in this complex, described by Edith Coleman in 1930 (Victorian Naturalist 46: 196-197). The long, clubbed tips to the perianth segments, and small yellow and red labellum were

considered distinguishing features. In the same publication Mrs. Coleman described *C. dilatata* ssp. *rhomboidiformis*, which was transferred to *C. longiclavata* ssp. *rhomboidiformis* by Alex George in 1971 (Nuytsia 1(2): 173), and was then raised to species level as *Caladenia rhomboidiformis* by Clements and Hopper in 1989 (Australian Orchid Research 1: 30). The authors noted that this species was distinguished by its slender sepaline clubs, its flattened, broad greenish labellum with a short, slender marginal fringe, and a narrow, central band of calli. Based on observations of plants between Busselton and Margaret River, I found that the slender clubs, labellum shape, and the (often) slender, white-stalked calli with red tips were the most reliable characters for distinguishing it from other members of the complex.

In 1947 the prolific orchidologist William Nicholls described two additional members of the complex, *Caladenia magniclavata* and *Caladenia ensata* (Victorian Naturalist 64: 135-138). Nicholls stated that *C. magniclavata* was distinguished (from *C. longiclavata*) by its larger and more robust plants, smaller labellum with more prominently pectinate (comb-like) margins, and more prominently clubbed perianth segments (up to half their length). I've found the labellum characters the most reliable in deciding between a robust *C. longiclavata* and a small *C. magniclavata*. The proportionally smaller labellum size (particularly width) and 'neater', more evenly lengthed, marginal fringe distinguish this species from the often broad labellum with variably lengthed marginal fringe (>1 cm at the labellum base) of *C. longiclavata*.

The photograph of *C. ensata* on page 126 of Hoffman and Brown is unmistakable with brightly coloured flowers and extremely short marginal fringe on the labellum, and I concluded it would be an easy species to identify if I was lucky enough to encounter it. However, I was told that not all specimens of this species are as distinct as the one pictured, and Nicholls even commented that this species may be synonymous with *C. longiclavata* (Orchids of Australia: 66). Upon visiting as many of the collection sites as possible from those listed in Hopper and Brown (Nuytsia 14(1/2): 67-68), I soon discovered that identification of this species was no easy task. Indeed, the plants I observed were very similar to *C. longiclavata*, distinguished by having slightly smaller flowers, stiffly held perianth segments, and a much reduced marginal fringe

on the labellum, generally restricted to the horizontal section of the labellum (or much reduced outside this section).  
Finally, although illustrated as a robust form of *C. longiclavata* by Nicholls in 1969 (Orchid of Australia: Plate 247), the distinct and easily recognisable *Caladenia arrecta* was not named until 2001 in Hopper and Browns excellent publication (Nuytsia 14(1/2): 50-51). I was lucky enough to see 1 plant of this striking and attractive species in the Stirling Ranges and it was readily distinguished from other members of the complex by its upswept dorsal petals and calli in two pairs of rows with a clear gap between them.

If anyone can shed further light on this complex, I'd be only too happy to listen.

#### **WANOSCG – MINUTES OF GENERAL MEETING 19<sup>th</sup> JUNE 2002**

Meeting commenced at 8.05pm

**In the absence of the President, Vice President Noel Clarke took the chair.**

#### **ATTENDANCE:**

**28 members were present and 9 apologies as per the attendance register.**

#### **NEW MEMBERS:**

Nil

#### **VISITORS:**

Jack Eborall . nominated new member

Eric McCrum guest speaker

Jarrad Scott

Terry Burckett

#### **MINUTES**

*Moved. Beth Kinsey/Mirna George Minutes of General meeting of 15<sup>th</sup> May 2002 as presented in the Bulletin be confirmed. CARRIED.*

#### **Matters Arising:**

Nil

#### **CORRESPONDENCE:**

As per list circulated with attendance book. Secretary advised the meeting of correspondence from:

1. Our insurer advising a merger with AON RISK.
2. ANOS Victoria asking for permission to reproduce information from our bulletin.
3. Conservation council calling for executive committee positions.

These matters have been dealt with at committee level but open for comment and discussion at this meeting.

#### **TREASURERS REPORT:**

The treasurer's report for the past month was circulated for members with the attendance book.

This report has previously been tabled to committee and matters arising attended to at that meeting.

#### **Matters Arising:**

Nil

#### **FIELD TRIPS:**

Christine Lock reported to the group field trips as per that published

In the bulletin, with the exception of the Eric Swarts trip to Canning would now be on 21/7/02.

All other information published remains the same.

Bill Burton reported on a trip to Babikin and produced samples of *Melaleuca uncinata*, under which *Rhizanthella gardneri* is known to grow.

It appears there is more than one species of *M. uncinata* and these would be kept as a reference for the future.

#### **PLANT TABLE:**

Bill Burton presented six plants, *Pterostylis aspera*, *rogersii*, and *hamiltonii*, *Oligochaetochilus sanguinea* [green and brown forms] and *vittata*.

#### **GENERAL BUSINESS:**

1. The members were advised of the passing of long time member, Bill Jackson. Bill has worked tirelessly in the Walpole area since his retirement and the group owes him great respect and admiration for his contribution over the years. Members send their sympathy to Gloria and family.
2. Members were advised that Katie Ward remains in hospital with illness and express best wishes from all to Joe and family.
3. It has been suggested that the group purchase a hand held GPS for field trips. Discussion as to what type and the practicality in view that many members already had GPS's took place before the matter was referred back to committee for further discussion.
4. Bill Burton addressed the meeting regarding the use of hand held 2 way radios as a means of communicating in the bush. These are available from Dick Smiths for around \$100 per set and it sounds like it adds a new dimension to Bills field trips.

#### **GUEST SPEAKER:**

Eric McCrum produced a classic McCrum ramble though the ecology of a granite outcrop, from lichens to lizards.

Eric is an incredibly knowledgeable naturalist, who's enthusiasm for the Aussie bush just can't be ignored and a sense of humor dryer than the Simpson.

Thanks again Eric, and if you missed it, you definitely missed out.

RAFFLE:

The raffle was donated by Noel Clarke, drawn by our guest speaker

Eric McCrum and won Len Stewart.

SPECIAL PRESENTATION:

Bill Burton turns 80 [ yeah! 80 years old ] in a few days time.

The group presented Bill with a photograph of T variegata signed by members to celebrate this wonderful milestone.

Our supper ladies produced a cake to celebrate and all members wish Bill all the best.

SUPPER:

Nancy Clarke and Sarah Atkinson donated supper for us and a special cake for Bill. Thanks ladies for this special effort.

The meeting closed at 9.38 pm.

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**SUPPER QUESTIONNAIRE**

Donna Wajon wants to ascertain your preferences for supper. Please tick the items you would like to have supplied at supper and return to Donna.

<input type="checkbox"/>	Coffee – regular	<input type="checkbox"/>	Juice – orange
<input type="checkbox"/>	Coffee – decafe	<input type="checkbox"/>	Juice – other – specify
<input type="checkbox"/>	Tea – regular	<input type="checkbox"/>	Milk – full cream
<input type="checkbox"/>	Tea – decafe	<input type="checkbox"/>	Milk – hilo
<input type="checkbox"/>	Tea – herbal – specify	<input type="checkbox"/>	Milk – skim
<input type="checkbox"/>	Milo	<input type="checkbox"/>	Sugar – white
<input type="checkbox"/>	Jarrah	<input type="checkbox"/>	Sugar – raw
<input type="checkbox"/>	Juice – apple	<input type="checkbox"/>	Sugar – brown
<input type="checkbox"/>		<input type="checkbox"/>	Sugar – substitute

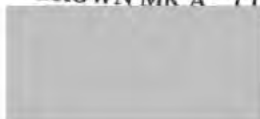
	SUPPER ROSTER	RAFFLE ROSTER	SPEAKER
<b>MARCH</b>			
<b>APRIL</b>	Virginia Bird	Ross Fox	Ron Heberle
<b>MAY</b>	Margaret Fox	Tom Blinco	Alex George
<b>JUNE</b>	Nancy Clarke & Sarah Atkinson	Noel Clarke	Eric McCrum
<b>JULY</b>	Matz Dahlkamp	Stuart Harris	Raquel Carter
<b>AUGUST</b>		Sarah Atkinson	Chris French & Gary Brockman
<b>SEPTEMBER</b>		Jeff Spencer	Members Slides
<b>OCTOBER</b>	Stack Family	Don & Eva Smith	Andrew Brown
<b>NOVEMBER</b>	Beth Kinsey	Len Stewart	Members slides & Awards Night

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 PO Box 323  
 Victoria Park 6979

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BROWN MR A (L)



**FORTHCOMING FIELD TRIPS**

- 21 July – Canning Regional Park. Note date correction.
- 22 July – Bill Burton *T variegata* trip.