



BULLETIN

OF THE

WESTERN AUSTRALIAN NATIVE ORCHID
STUDY AND CONSERVATION GROUP
(INC)

OCTOBER 1990

THE WESTERN AUSTRALIAN NATIVE ORCHID STUDY & CONSERVATION GROUP

OFFICE BEARERS 1989

Patron	Mrs J Holmes a'Court
President	Denis Burdinat [redacted]
Vice President	Noel Clarke [redacted]
Secretary	Joni Eaton [redacted]
Treasurer	Chris French [redacted]
Field Trip Coordinator	Ian Greeve [redacted]
Editor	Marie French [redacted]
Librarian	Eric Swarts [redacted]
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OBJECTIVES OF THE GROUP

- To promote interest in and preserve Western Australian Indigenous orchids.
- To learn the best means of cultivation and do all things possible for the conservation of native orchids in their environments.
- To learn their habitats and keep records.
- To have field days and learn to recognize the different genera and species.
- To hold meetings for the exchange of knowledge and furthering of interest in Western Australian orchids.
- To affiliate with kindred organisations.
- To make rules for the governing of the Group's domestic affairs.
- 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 the group.

NEXT COMMITTEE MEETING

Wednesday 17th October 1990 at 7.00pm at Kings Park Board Administration Centre.

NEXT GENERAL MEETING

Wednesday 17th October 1990 at 8.00pm at the Kings Park Board Centre. Guest speaker will be Ms. Peta Davies, who is the co-ordinator of the endangered species network for the conservation council of W.A.

RED SPOTS

Does your address label have a red spot? If so, you are currently an unfinancial member of WANOSCG. Fees for this year are \$15.00 for individual and family membership and \$2.00 for junior membership. If you have sent in your fees during the last month please ignore the red spot, it takes about a month to update membership records.

BULLETIN CONTRIBUTIONS

Contributions are needed for every edition of the Bulletin. Articles should be sent to Marie French [REDACTED].

Lean times are ahead for the Bulletin. We desperately need articles for the November and March, April Bulletins. Some suggestions for articles (forwarded by members) are "Growers Hints", "Personal Profile" - yes we are interested in who you are! and "My Favourite Orchiding Spot".

The article submission deadline for the next issue of the Bulletin is 1st November, 1990.

FORTHCOMING FIELD TRIPS

Sunday 11th November - Walyunga National Park. Looking for *Thelymitra benthamiana* and *T. stellata*. Meeting at corner of Toodyay and O'Brien Road at 9.30am.

ORCHID BADGE

The committee was inspired by the badge produced by the Conservation sub-committee of ANOS last year. (As you may remember, this badge featured *Diuris purdiei*). As a result, we have produced our own badge for sale to members and the public.

The badge depicts *Thelymitra apiculata*. This is not a declared rare and endangered orchid, but it's status is under review by CALM.

The badge is priced at \$4.00 (plus \$1.00 postage) and can be obtained from the Treasurer, Chris French (address on the inside cover) or at the club general meetings.

ORCHID NAME CHANGES

The following list represents the recent name changes of orchids featured in Hoffman and Brown, 1984, Orchids of South-West Australia University Press. A complete list of all recent terrestrial W.A. Orchidaceae name changes will be printed in a later bulletin.

Thelymitra

- pg 29 T. fuscolutea var fuscolutea = T. fuscolutea
 pg 31 T. fuscolutea var stellata = T. stellata
 pg 33 T. carnea = T.X carnea
 pg 35 T. matthewsii = T. spiralis
 pg 37 T. macmillanii = T.X macmillanii
 pg 41 T. variegata var apiculata = T. apiculata
 pg 57 T. nuda = T. macrophylla

Caladenia

- pg 63 C. patersonii var. longicauda = C. longicauda
 pg 71 C. triangularis = C.X triangularis
 pg 77 C. filamentosa var. dorrienii = C. dorrienii
 pg 81 C. filamentosa var. denticulata = C. denticulata
 pg 83 C. filamentosa var. caesarea = C. caesarea
 pg 91 C. ericksonae = C.X ericksonae
 pg 93 C. sp. = C. wanosa
 pg 95 C. sp. = hybrid
 pg 97 C. sp. = undescribed
 pg 99 C. filamentosa var. filifera = C. filifera
 pg 101 C. longiclavata var. longiclavata = C. longiclavata
 pg 103 C. longiclavata var. magniclavata = C. magniclavata,
 (however plant shown in book is undescribed).
 pg 105 C. longiclavata var. rhomboidiformis = C.
 rhomboidiformis
 pg 109 C. sp = C. ferruginea
 pg 111 C. huegelii = C. pectinata
 pg 113 C. sp = C. huegelii
 pg 115 C. sp = C. infundibularis
 pg 125 C. sp = C. uliginosa
 pg 129 C. dilata var. falcata = C. falcata
 pg 137 C. lavandulacea = C.X lavandulcea
 pg 143 C. cristata = C. sp
 pg 159 C. gemmata forma lutea = C. ixioides
 pg 163 C. menziesii = Leptoceras menziesii
 pg 177 C. sp = C. amplexans
 pg 181 C. gemmata forma gemmata = C. gemmata.

Acianthus - (Now Cyrtostylis in W.A.)

- pg 191 A. reniformis var reniformis (in W.A.) = Cyrtostylis robusta
 pg 193 A. reniformis var. huegelii = Cyrtostylis huegelii
 pg 195 A. tenuissimus = Cyrtostylis tenuissima

Drakaea

- pg 213 D. elastica = D. livida
 pg 217 D. jeanensis = D. elastica
 pg 223 D. sp = D. thynniphila

Prasophyllum

- pg 263 P. macrostachyum var. macrostachyum = P. macrostachyum
 pg 263 P. macrostachyum var. ringens = P. ringens
 pg 267 P. nigricans = Genoplesium nigricans
 pg 277 P. ovale var. ovale = P. ovale
 pg 277 P. ovale var. triglochis = P. plumaeforme

Pterostylis

- pg 289 P. scabra var. robusta = P. aspera
 pg 293 P. scabra var. scabra = P. scabra
 pg 301 P. sp = P. dilatata
 pg 305 P. aff. rufa = P. picta
 pg 307 P. sp (plate 4) = P. ciliata - others undescribed
 pg 309 P. sp = P. macrocalymma
 pg 311 P. vittata var. vittata : right plate = P. vittata
 :left plate = P. sanguinea
 pg 313 P. vittata var. subdifformis = P. concava

Corybas

- pg 335 C. dilatatus = C. aff. diemenicus

Diuris

- pg 357 D. emarginata var. emarginata = D. emarginata (photo
 in book is D. drummondii)
 pg 357 D. emarginata var. pauciflora = D. pauciflora
 pg 367 D. longifolia = D. aff. corymbosa

Thanks to Andrew Brown for supplying this list.

FIELD TRIP REPORTSMt. Jackson - Diehardy Range Trip Report ...Noel Clarke.

Eight of the seventeen members who attended the Mt. Jackson trip travelled a further 40kms north to the Diehardy Range. We saw the same orchids here except for *Caladenia barbarossa*, but in far greater numbers. We also found a white *C. amplexans*. *Pterostylis rufa* were more advanced than at Mt. Jackson. Another plus for this area was the easier access - none of the steep climbing of Mt. Jackson. I recorded the club's attendance in the Diehardy Hilton register. The area must be popular by the number of people who have signed the register.

Dave Parker has resigned from his job of finding lost articles on field trips. After finding Ian Greeve's lost lens at the Tutanning Reserve last year and my lost film on the slopes of Mt. Jackson he refused to look for the plastic tip of my window arm in the Diehardy Range. The situation is now vacant. (Any takers? Ed.)

Sullivan Rock - 8/9/1990 ...Joan and Ian Greeve.

Under overcast skies, four vehicles met at Sullivan Rock on 8th September, 1990. We proceeded to explore the lovely granite outcrop and surrounding bushland. Most prevalent were *Caladenia sericea* and *Diuris corymbosa*. Other orchids found were:-*Caladenia reptans*, *C. sp.*, *C. flava*, *Pterostylis sargentii*, *P. nana*, *P. vittata*, *P. recurva*, *Leporella fimbriata* in seed, *Lyperanthus nigricans* leaves, *Eriochilus dilatatus* leaves, *Thelymitra antennifera*, *T. crinita* leaves, *T. macrophylla* leaves, *Spiculaea ciliata* (leaves), *Prasophyllum hians*, and *P. parvifolium* (seed).

After a picnic lunch, we proceeded to Canning Vale where we checked out a swampy area previously visited.

We found hundreds of *Caladenia pectinata* (leaves and buds), *Leptoceras menziesii* in bud, *Caladenia denticulata* flowering, *C. flava*, *Diuris magnifica*, *D. carinata* leaves, *Leporella* leaves, *Prasophyllum sp.*, and an early flowering *Elythranthera brunonis*.

Then, at a site in Kwinana, we found flowering *Caladenia discoidea*, *C. longicauda*, *C. longicauda* hybrid, *C. latifolia*, *C. flava* and *Diuris corymbosa*. Altogether a very pleasant day for all.

Sullivan Rock - Revisited 15/9/1990 ...Chris French.

For the second half of the Sullivan Rock field trip, four carloads of people met at the rock on Sunday 15th September. (These were the poor unfortunates who could not attend the *C. cristata* field trip). As was to be expected we saw all of the orchids sighted on the first trip (described above). In addition, we found *Thelymitra flexuosa*.

Moving on from Sullivan Rock, we travelled to Bella Cummings Reserve at Mundijong where we found *Caladenia flava*, *C. discoidea*, and *Lyperanthus nigricans* (in late flower). The variety amongst the *C. flava* was huge, with sepal shapes ranging from broad and squat to very long and thin.

Following this, four foolhardy souls ventured on to Brunswick Junction. Here we found *Drakaea livida* about to flower, *D. elastica* (bud), *D. sp* (bud), *Paracaleana nigrita*, *Lyperanthus nigricans* (leaf), *Leporella fimbriata* (seed), *Pterostylis nana*, *Thelymitra crinita* (bud), *T. macrophylla* (bud), *Elythranthera brunonis*, and *C. flava*.

Dalwallinu - C.cristata Trip - 15/16/9/1990 ...Joan & Ian Greeve.

Six vehicles arrived at Wongan Hills Railway Station on Saturday 15th September. Margaret Collins and Dr. Bevan Buirchell then led the convoy to the first site north of the town. Here we found white *Caladenia filamentosa*, *C. flava*, and a lovely pale green *C. doutchae*. 30 minutes later we left for another site further north where we were to spend an allotted hour searching the area. After walking and walking we came across some *C. roei*, the further we went the more we found, bigger and better, until at last the one we had searched and searched for -yes, *Caladenia cristata*, a clump of nine plants.

We then heard that other members had also found a bonanza of plants. An approximate count was 500 plants. Also found, was a lovely hybrid between *C. cristata* and *C. filamentosa*, also a *C. cristata/roei* cross. This area was excellent for orchids, turning up *Caladenia drakeoides*, *C. doutchae*, *C. filamentosa*, *C. denticulata*, *C. flava*, *C. gemmata*, *Prasophyllum ringens*, *Pterostylis sargentii*, *Thelymitra antennifera* and *Eriochilus dilatatus* leaves.

After lunch, the group travelled to Damboring - and after searching thoroughly, found *Pterostylis rufa* in bud, *p. nana* finished, *Diuris corymbosa*, *C. filamentosa*, *C. roei* and *Prasophyllum ringens*.

A very tired, but elated group then travelled to Dalwallinu where we had a celebratory meal and retired early for the night. Next day, after breakfast, we drove south to another site. Orchids here included, *C. roei*, *C. flava*, *C. drakeoides*, *C. drakeoides/filamentosa*, and four plants of *Caladenia cristata*. Lunch was eaten at a Reserve near Wongan Hills. Here the weather decided to be a nuisance with a few showers of rain appearing.

As we spent quite a while at this reserve, our next stop was to be our last for the weekend. This was a Reserve at Oak Park, Botherling. We had just started photographing orchids when the rain became heavier, causing a dive for shelter. Orchids found here were:- *Caladenia radialis*, *C. roei*, *C. denticulata*, *C. hirta*, a hybrid *C. longicauda* X *C. hirta*, *C. longicauda* and *Prasophyllum ringens*. I'm sure we would have found lots more at this location had we had more time, however, it was a good finish to an excellent weekend. Thanks to Bevan and Margaret for leading the trip.

The Final Section of the Grand Orchid Tour - 13/9/1990 - 18/9/1990 ...Bill Jackson.

A few words on behalf of Gloria and myself, to thank all those who accompanied us to Kalbarri and then across to Mt. Jackson, and also to those who joined us at Mt. Jackson. We enjoyed your company just as much as the wonderful array of orchids we had the good fortune to see.

Bill Burton will have listed for the Bulletin the orchid species seen after we left Mt. Jackson up until the time we bade him farewell at the Pallarup Rock Reserve, north of Ravensthorpe. He had by this time consumed the last of his goat meat, and was down to tinned sardines.

Betty and Dick Mumford and ourselves went on to Jerramungup, where the Mumfords, unfortunately, ran into serious problems with their Camper van. The end result being they had to leave us on the 14th September, and head for home. We were, however, able to visit sites around Jerramungup. The location at Pinnacles Road provided an exceptional display of orchids.

Caladenia cairnsiana, *C. eminens*, *C. multiclavia*, *C. hirta*, *C. flava*, *C. falcata*, *C. sp.* (small Red Spider), *C. denticulata sp.* (various), *C. saccharata*, *C. doutchae*, *C. barbarossa*, *C. caerulea*, *C. roei*, *C. cairnsiana* X *C. denticulata*, *C. hirta* X *C. eminens*, *C. falcata* X *C. eminens*, *C. barbarossa* X, ?, *Diuris sp.* (*corymbosa*?), *Pterostylis nana sp.*, *P. recurva*; The *C. denticulata* varieties were particularly attractive.

Feeling rather lonely we headed for the Stirling Ranges for a two day stop. Sites at the Stirlings included the Pillenorup Swamp Track, Mt. James Track, Formley Road, Chester Pass Road, and Papa Colla Creek. A number of orchids already listed were seen. Additional species sighted here were *Thelymitra variegata*, *Caladenia plicata* (40+), *Drakaea glyptodon*, *D. sp.*, *D. livida*, *Caladenia longiclavata*, and *Paracaleana nigrita*. Most of the *Drakaea* were still in bud.

The night of the 17th September was spent in Kojonup. All night and early morning rain prevented any serious attempt to visit a local reserve, and we opted for a visit to the Sheepwork Reserve instead, (north of Denmark). A white *Caladenia sp.* with prominently protruding labellum was seen here, along with yellow *C. denticulata*. Not much else in flower.

Moodiarup Weekend 22/23/9/1990 ...Peter Gee (with assistance from Noel Clarke).

Under cloudy skies 9 cars gathered near Bokal siding at 10.30am. The locals were joined by 10 members from Perth as well as the Bussells of Margaret River, and the Jacksons of Walpole. Orchids in flower or bud were:- *Caladenia barbarossa*, *C. flava*, *C. denticulata*, *C. eminens*, *C. falcata*, *C. hirta*, *C. filamentosa* (white), *Diuris laxiflora*, *Prasophyllum ringens*, *Pterostylis nana* (short sepals), *Thelymitra antennifera*, *T. macrophylla*, *T. macmillanias* well as hybrids suspected of being *C. eminens* X *C. falcata*, *C. eminens* X *C. hirta*, *Thelymitra antennifera* X *T. X. macmillanii*. A further stop near Cusack's farm homestead revealed *Caladenia barbarossa*, *C. eminens*, *C. flava*, *C. uliginosa*, *Diuris corymbosa* and *Thelymitra antennifera*. We lunched at a spot called 'Wild Horse Swamp' as the sky became more threatening and eventually began to rain lightly at times. Under raincoats and umbrellas we found *Caladenia flava*, *C. denticulata*, *C. cairnsiana*, *C. barbarossa*, *C. filifera* (type) and a significant population of *C. bryceana*. Also *Diuris corymbosa*, and *Pterostylis recurva*.

From there we moved on to the Eulin Crossing Road Reserve and found (in between a couple of heavy showers of rain) *Caladenia eminens*, *C. flava*, *C. discoidea*, *C. cairnsiana*, *C. sericea*, *C. nana*, *C.X. ericksonae*, *C. longiclavata*, *C. barbarossa*, *C. filamentosa* (red type) and a *C. eminens* X *C. longiclavata*, *Diuris corymbosa*, *D. longifolia*, *Thelymitra antennifera*, *T. macrophylla*, *T. pauciflora* (bud), *Pterostylis nana* (short sepals), *Leptoceras menziesii*. Later in the day, a few of us went out to a reserve via Cusack Road to see an unusual *Paracaleana* species (not *nigrita*) and an undescribed *Drakaea* species as well as the usual *C. flava*.

That evening we enjoyed a barbeque at the Cusack homestead followed by a slide show thrown together by the two Bills. Some noted that Bill. B. could try turning the wick of his flashgun down just a titch!

Day 2 began with a drive out to Haddleton Reserve. We found *Caladenia cairnsiana*, *C. discoidea*, *C. eminens*, *C. falcata*, *C. flava*, *C. reptans*, *C. sericea*, *Leptoceras menziesii*, *Paracaleana nigrita*, *Diuris corymbosa*, *Elythranthera brunonis*, *Pterostylis barbata*, *P. concava*, *P. nana*, *P. recurva*, *Cyrtostylis huegelii* (100's of them!), *Thelymitra crinita*, *T. flexuosa*, *T. macrophylla*, *T. pauciflora*, *Drakaea glyptodon*, *D. sp.* (H & B page 219 (laterite).)

We moved on to lunch at the Cordering Townsite Reserve but didn't see any of the famous Cordering Cougars. Instead, there were *Caladenia barbarossa*, *C. filifera*, *C. eminens*, *C. macrostylis*, *C. filamentosa* (Red - many variations), *C. eminens* X *C. barbarossa*, *Diuris corymbosa*, *Pterostylis vittata* (seed), *P. recurva*, *Leptoceras menziesii*, *Thelymitra fuscolutea*, *T. antennifera*, *T. macrophylla*, and *Microtis* leaves.

From there we moved on to Capercup Reserve where we found *Caladenia flava*, *C. discoidea*, *C. denticulata*, *C. longiclavata*, *C. eminens*, *C. rhomboidiformis*, *C. deformis*, *C. sericea*, *C. flava* X *C. longiclavata*, *Elythranthera emarginata* (100's of them) *Thelymitra antennifera*, *T. macrophylla*, *T. fuscolutea*, *Pterostylis vittata* (seed), *P. recurva*, *P. barbata*, *P. nana*. Debate was still raging over the two orchids marked "?" when we left to stay over an additional night in the shearing shed.

We would like to thank Wendy and Michael Cusack for a well structured and most enjoyable weekend. In two days we saw around 40 different species of orchid.

Kings Park Wildflower Show

Many thanks to all of the members who spared their time to set up and man (person?) our display at the Wildflower Show. Once again our display of flowering orchids was very good (although down a little on last year). Thank you to all of the people who lent us their flowering plants for the display.

In terms of financial return to the club, the display was again very rewarding with many of our books being sold. The display gives our bank balance a healthy shot in the arm and this is another important reason for us to make it successful.

Once again, thanks again to all the members who were involved.

CALM Declared Rare and Endangered Flora Management Program

The following is an extract from a letter received from CALM:

"The Department of Conservation and Land Management (CALM) is developing a volunteer program to assist in the management of rare flora in the State. The program will involve volunteers inspecting rare flora sites and reporting on their condition to CALM's Wildlife Branch. Such inspections will be on an annual basis for Declared Rare Flora, and less frequently for other priority species.

In CALM's Metropolitan Region, the majority of DRF are orchid species. As a consequence I am writing to invite you to nominate any appropriate members of your group who might like to participate in this program, either in the Metropolitan area or further afield."

If any member of the group wishes to be considered for this volunteer program, could they please advise the President, Denis Burdinat, or a member of the committee. The committee will develop a register of names and forward these on to CALM.

MINUTES OF THE W.A.N.O.S.C.G. GENERAL MEETING 19TH SEPTEMBER, 1990

Present and apologies as per the Attendance Book. New members attending were Martin Punter and Toni Johnson. Visitors were Joanne Armstrong and Frank Kelly.

1. MINUTES OF PREVIOUS MEETING

The minutes of 15th August, 1990 were as published in the Bulletin. Moved J. Eaton/B. Yates "that the minutes be accepted as read".
CARRIED

2. BUSINESS ARISING

More people urgently needed to man the stand at the Kings Park Wildflower Show.

3. CORRESPONDENCE INWARD : AS TABLED

4. CORRESPONDENCE OUTWARD : AS TABLED

Moved Clarke/Burton "that Inward Correspondence be accepted and Outward Correspondence be ratified." CARRIED

5. TREASURER'S REPORT : AS CIRCULATED

Moved Swarts/Gee "that the Treasurer's Report be accepted."

CARRIED

6. MEMBERSHIPS

New members this month are Audrey and Jim Maxwell, David Lawson, and John Emery.

7. FIELD TRIPS : AS PER BULLETIN

8. PLANT TABLE

Bevan Buirchell talked about the orchids on the plant table this month. Orchids displayed were:

1. Dendrobium gracilicaule	D. Burdinat
2. Caladenia latifolia	D. Burdinat
3. Caladenia flava	Ian Greeve
4. C. aff. pectinata	Ian Greeve
5. C. filamentosa	David Parker
6. C. denticulata X C. filifera	Bill Burton
7. Drakaea glyptodon	"
8. Paracaleana nigrita	"
9. C. sp.	"
10. Thelymitra spiralis	"
11. Diuris laxiflora	"
12. Diuris sp. (Kwinana)	Andrew Brown

GENERAL BUSINESS

9. An offer was made by Pierre Milon to purchase film, in quantity, at a discount rate. Any queries please ring Pierre.

An audio visual display was put on by Jim and Eve Parry, and was enjoyed by everyone. Many thanks for the effort put into preparing the show.

Supper was provided by Kath Bolin, and the raffles by Ian and Joan Greeve. These were won by Jim Parry and Pat Dundas.

10. Next meeting is to be held on October 17th, 1990.

11. Meeting closed 22.13pm.

SUPPER ROSTER

Oct - M. Collins
Nov - M. George, J. Rogers

RAFFLE ROSTER

Oct - B. Buirchell
Nov - Position
Vacant

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MR A BROWN

Forthcoming Field Trips

11/11/90 - Walyunga National Park