



BULLETIN

OF THE

WESTERN AUSTRALIAN NATIVE ORCHID
STUDY AND CONSERVATION GROUP
(INC)

NOVEMBER 1988

THE WEST AUSTRALIAN NATIVE ORCHID STUDY & CONSERVATION GROUP

OFFICE BEARERS 1988

Patron:	Mrs J Holmes a'Court
President:	Kingsley Dixon [REDACTED]
Vice President:	Beryl Yates [REDACTED]
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Committee Members:	Denis Burdinat [REDACTED] Chris French [REDACTED] Ian Greeve [REDACTED] Eric Swarts [REDACTED]
Postal Address of Group:	PO Box 323 Victoria Park 6100.

OBJECTS 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 natural 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 exchanging 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 objects or any of them.

NOTE: Opinions expressed by contributors to this Bulletin are not specifically endorsed by the Group.

NEXT COMMITTEE MEETING

Wednesday 16th November, 1988 at 7.00 pm, King's Park Board Administration Centre.

NEXT GENERAL MEETING

Wednesday 16th November, 1988 at 8.00 pm, King's Park Board Administration Centre. The next meeting is the A.G.M. so please be in attendance.

GUEST SPEAKER

Our guest speaker at the next meeting will be Dr Kingsley Dixon. Kingsley will speak on the growing of Australian terrestrial orchid species by members of the Australian Native Orchid Society in Eastern Australia.

BULLETIN CONTRIBUTIONS

Contributions are wanted for every edition of the bulletin. Articles should be sent to Stephen van Leeuwen, [redacted] or [redacted]. Your articles can be sent by facsimile machine if you wish, the number of which is [redacted]. The article submission deadline for the next issue of the bulletin is December 1st.

FORTHCOMING FIELD TRIPS

November 19th. To survey selected areas of the Gnangara mound for late flowering species of orchids such as Epiblema grandiflorum and Prasophyllum drummondii. To meet at entrance to Wildlife Research Centre on Ocean Reef Road, Woodvale at 9.30 am.

December 3rd-4th. This field trip is to look for and survey late flowering Diuris species along the south coast. The search area will be centred on Walpole. It is anticipated that species such as Diuris drummondii and Diuris emarginata will be located. Other species which may also be observed are Caladenia corynephora, an undescribed species of Caladenia related to C. longicauda, Microtis pulchella, M. globula and Cryptostylis ovata.

The arrangements for this trip are to meet in Walpole at 1.00 pm on Saturday 3rd December. The meeting place is outside the Walpole Hotel. Accommodation has been arranged in Walpole by Bill Jackson, and are similar to those facilities used last year. Terry Wilson has also kindly offered the group limited accommodation in Walpole. Please contact Syd Gibbings for further details.

KIMBERLEYS FIELD TRIP

If you are interested in participating in an orchid field trip to the Kimberleys in January-February 1989 please contact Bevan Buirchell [redacted].

COMMEMORATIVE MEDAL

ANOS has produced a limited edition commemorative medal for their tenth anniversary. If you would like to obtain a medal, the cost of which is \$8.00, please contact Kingsley Dixon (272 8392 Home).

LETTER TO THE EDITOR

Dear Editor

I have recently noticed that some WANOSCG members have become over zealous in their attempts to assist the propagation efforts of Kingsley Dixon, Bevan Buirchell and myself at Kings Park. While very grateful for the interest and willingness to assist I am very disappointed to find that some members are collecting very immature green seed pods. We are unable to use this material as immature seed will not germinate and therefore it would be far better to leave these pods in the bush to assist the natural propagation of the species.

Ideally, seed should be collected when ripe - when the seed pod and flower stalk are beginning to dry out (indicated by the yellowing of the pod and stalk). I realize this is not always possible. If you find it necessary to collect green pods please make sure they are very mature - that is large, firm and swollen. If other plants of the same species are flowering in the same area it is a good sign that the seed is immature - seed usually takes about six weeks to mature. Green pods can be collected in the last two weeks provided a long stem is left on the pod. It may be allowed to mature by standing the stalk in water and trimming a few millimeters off it every two to three days.

I wish to take this opportunity to thank all those people who have assisted our work in the past and hope they will continue to do so in the future.

Regards
MARGARET COLLINS

FIELD TRIP REPORTS

Rodney & Alison DYSON
24th-26th September

East of Broomehill

Thelymitra antennifera, Caladenia longicauda, C. aff. denticulata (red and yellow forms), C. aff. longicauda, C. multiclavia, C. falcata, C. douthae, C. roei, C. barbarossa, C. saccharata, C. flava, C. menziesii, C. discoidea, C. hirta (white and pink forms), C. gemmata, Leporella fimbriata, Elythranthera brunonis, Pterostylis sargentii, P. recurva, Lyperanthus nigricans, Diuris laxiflora, D. longifolia.

We saw a total of 22 different species as well as several hybrids, the most spectacular of which was a cross between C. longicauda and C. falcata.

ADAMSON Family
24th-30th September

Hopetoun Area

Cyrtostylis robusta, C. barbarossa (16 in one colony), C. falcata, C. doutchae, C. aff. denticulata (several different types), C. flava, C. hirta, C. aff. huegelii, C. menziesii, C. longicauda, C. doutchae x C. longicauda, C. longicauda x C. falcata, C. aff. huegelii x falcata, Calochilus ?robertsonii, Diuris emarginata var. pauciflora, E. brunonis, Eriochilus dilatata (L), L. fimbriata (L), L. nigricans, Microtis unifolia, P. nana (S), P. recurva (S), P. aff. rufa, P. vittata (S), T. campanulata, T. crinita (L), T. villosa.

Fitzgerald River National Park

C. flava, C. latifolia (F), D. longifolia (S), D. ?laxiflora (F), E. brunonis, P. nana (S), P. plumosa, P. aff. rufa, P. vittata (S), T. cornicina (B), T. fuscolutea (B), T. pauciflora (B & S), T. spiralis (B), T. nuda (B), L. nigricans (L), E. dilatata (L).

To Ravensthorpe via Katanning

C. flava, C. falcata, C. gemmata, C. hirta, C. marginata (L), C. multiclavia, C. longicauda, C. radialis, C. reptans, C. saccharata, C. sericea, D. longifolia, E. brunonis, L. fimbriata (L), L. nigricans (L), P. antennatum, P. barbata, P. mutica, P. nana, P. recurva, P. vittata (S), Spiculea ciliata (B), T. nuda (B).

Hyden area

C. barbarossa, C. flava, C. aff. denticulata, C. aff. falcata, C. macrostylis, C. longicauda, C. roei, C. longifolia (S), E. dilatata (S), L. fimbriata (L), L. nigricans (L), M. unifolia, P. antennatum, P. recurva, P. rufa, P. vittata (S), S. ciliata (B), T. antennifera, T. crinita, T. flexuosa, T. nuda (B).

Bill BURTON
5th-7th October

Porongorups Area

C. flava, C. aff. huegelii, C. radiata, C. cairnsiana, C. macrostylis, C. sericea, C. aff. denticulata, C. lobata, C. gemmata, C. longicauda, C. magniclavata, C. barbarossa, C. plicata, C. doutchae x C. aff. denticulata, T. fuscolutea (B), T. nuda, T. crinita (B), T. antennifera, L. nigricans (L), L. serratus, L. fimbriata (L), E. brunonis, M. atrata (S), P. macrostachyum, P. nana (S), P. recurva (S), P. vittata (S), P. barbata (S), D. longifolia, P. nigrita, D. elastica, D. glyptodon.

WANOSCG
8th October

Proposed Yeal Swamp Nature Reserve

C. aff. longicauda, C. aff. pectinata, C. aff. huegelii (2 different types), C. menziesii, C. flava, C. marginata, C. gemmata, C. longicauda, L. nigricans (L), L. fimbriata (L), E. brunonis, D. aff. corymbosa, D. laxiflora, P. nignita, M. unifolia, P. vittata, P. recurva, P. aff. nana, D. glyptodon, T. antennifera, T. flexuosa, T. pauciflora, T. aff. nuda, T. x carnea, T. fuscolutea.

12 members and friends were in attendance and all would agree that it was a very enjoyable, interesting and rewarding trip, highlighted by the discovery of 7 plants of T. x carnea.

WANOSCG
15th October

Canning Vale Area

C. flava, C. marginata, C. huegelii, C. longicauda, C. aff. huegelii, D. purdiei, P. gibbosum, P. hians, P. fimbria, P. ovale var. triglochin, P. drummondii, P. regium, E. brunonis, M. unifolia, T. fuscolutea, T. crinita, T. pauciflora, T. flexuosa.

Twelve members were in attendance and it was a very enjoyable trip. The trip demonstrated once again the richness of the Canning Vale area for orchids.

GREEVE & JACKSON Families
22nd-23rd October

Frankland River Area

C. dorrienii (100's), C. aff. denticulata, C. aff. longicauda, C. aff. longicauda, C. lobata, C. cairnsiana, C. flava, C. longiclavata, C. latifolia, C. radiata, C. barbarossa, C. uliginosa, Diuris sp., D. laxiflora, E. brunonis, E. emarginata, P. cyphochilum, P. gibbosum, P. ovale var. triglochin, P. fimbria, L. serratus, T. antennifera, T. aff. pauciflora, T. aff. nuda, T. fuscolutea, T. flexuosa, Monodenia bracteata.

Walpole Area

C. flava, C. menziesii, C. longiclavata, C. pectinata, C. falcata, Cryptostylis ovata (L), E. brunonis, P. plumosa, P. recurva, P. nana, P. vittata, P. fimbria, M. atrata, L. nigricans (L), L. fimbriata (L), Calochilus robertsonii, Thelymitra sp., T. flexuosa.

The weekend was busy but very enjoyable. Bill and Gloria are thanked for this hospitality.

A CHECKLIST OF WESTERN AUSTRALIAN ORCHIDACEAE

The list of orchid species provided below has been obtained from the recently published book 'Native Orchids of Australia'. This excellent and comprehensive guide to all described orchid species in Australia has been written by David Jones.

This list is provided as a guide to the new and re-instated orchid species present within Western Australia. It is not the final word on the orchid species in this state and it must be mentioned that there are still many species awaiting description, particularly in genera like Caladenia, Corybas, Diuris, Drakaea and Pterostylis.

Some of the interesting pieces of information about our orchids that can be obtained from the list are:

- the largest genus is Caladenia with 57 species followed by Thelymitra (29 species), Pterostylis (25 species), Prasophyllum (19 species) and Diuris (12 species).
- fifteen genera are only represented by one species.
- twelve species in nine genera occur in the Kimberleys.
- four hybrids are described for the state.
- four genera, Drakaea, Elythranthera, Epiblema and Spiculea, are endemic (only occur in Western Australia) to the state.

Should you have any enquiries about species on this list please contact Andrew Brown or Stephen van Leeuwen for assistance.

CHECKLIST

(- values in brackets alongside genus name indicate number of taxa in that genus; - x symbol indicates hybrids)

CALADENIA (57)

C. amplexans
C. aphylla
C. barbarossa
C. bicalliata
C. bryceana
C. caerulea
C. caesarea
C. cairnsiana
C. corynephora
C. crebra
C. cristata
C. deformis
C. denticulata
C. dilatata var. dilatata
C. discoidea
C. dorrienii
C. douthae
C. drummondii
C. eminens (related to
C. longicauda)
C. ensata (related to
C. longiclavata)
C. x ericksonae
C. falcata
C. ferruginea (related to
C. huegelii)
C. filifera
C. flava
C. gemmata
C. graminifolia
C. hirta
C. huegelii

C. infundibularis
C. integra
C. ixioides (formerly C.
gemma var. ixioides)
C. x lavandulacea
C. latifolia
C. lobata
C. longicauda
C. longiclavata
C. macrostylis
C. magniclavata
C. marginata
C. menziesii
C. multiclavia
C. nana
C. ochreate (related to
C. marginata)
C. pectinata
C. plicata
C. radialis
C. radiata
C. reptans
C. rhomboidiformis
C. roei
C. saccharata
C. sericea
C. sigmoidea
C. x triangularis
C. uliginosa
C. wanosa

CALOCHILUS (4)

C. caeruleus (Kimberleys)
C. campestris

C. holtzei (Kimberleys)
C. robertsonii

CORYBAS (1)

C. despectans

CRYPTOSTYLIS (1)

C. ovata

CYMBIDIUM (1)

C. canaliculatum (Kimberleys)

CYRTOSTYLIS (3)
(formerly Acianthus)

C. huegelii
C. robusta

C. tenuissima

DENDROBIUM (2)

D. affine (Kimberleys)
D. canaliculatum var.
foelschei (Kimberleys)

DIDYMOPLEXIS (1)

D. pallens (Kimberleys)

DIPODIUM (1)

D. stenochilum (Kimberleys)

DIURIS (12)

D. carinata (related to D. laxiflora)
D. corymbosa (related to D. longifolia)
D. drummondii (related to D. emarginata)
D. emarginata var. emarginata
D. emarginata var. pauciflora
D. filifolia (related to D. setacea)

D. laevis
D. laxiflora
D. longifolia
D. picta (related to D. carinata)
D. purdiei
D. setacea

DRAKAEA (6)

D. elastica
D. fitzgeraldii
D. glyptodon

D. jeanensis
D. livida (related to D. thynniphila)
D. thynniphila

ELYTHRANTHERA (2)

E. brunonis

E. emarginata

EPIBLEMA (1)

E. grandiflorum

ERIOCHILUS (4)

E. dilatatus
E. multiflorus (related to E. dilatatus)

E. scaber
E. tenuis (related to E. scaber)

EULOPHIA (1)

E. bicallosa (Kimberleys)

GASTRODIA (1)

G. sesamoides

GEODORUM (1)

G. neocaledonicum (Kimberleys)

HABENERIA (2)

H. elongata (Kimberleys)

H. ochroleuca (Kimberleys)

LEPORELLA (1)

L. fimbriata

LYPERANTHUS (3)

L. forrestii

L. nigricans

L. serratus

MICROTIS (7)

M. alba

M. atrata

M. globula

M. orbicularis

M. pulchella

M. rara

M. unifolia

MONADENIA (1)

M. bracteata

NERVILLA (1)

N. holochila (Kimberleys)

PARACALEANA (1)

P. nigrita

PRASOPHYLLUM (19)

P. antennatum (formerly P. macrostachyum var. ringens)

P. brownii

P. cyphochilum

P. drummondii

P. elatum

P. fimbriata

P. gibbosum

P. giganteum

P. macrotys (related to P. elatum)

P. nigricans

P. odoratum

P. ovale var. ovale

P. ovale var. triglochin

P. parvifolium

P. regium

P. sargentii

P. hians
P. macrostachyum

PTEROSTYLIS (25)

P. allantoidea
P. angusta
P. barbata
P. ciliata (in the P. rufa
complex)
P. concava (formerly P. vittata
var. subdifformis)
P. cycnocephala
P. dilatata
P. hamiltonii (related to P.
robusta)
P. insectifera (in the P. rufa
complex)
P. leptochila (in the P. rufa
complex)
P. macrocalymm (in the P. rufa
complex)
P. mutica
P. nana

RHIZANTHELLA (1)

R. gardneri

SPICULAEA (1)

S. ciliata

THELYMITRA (29)

T. antennifera
T. apiculata
T. azurea (related to T.
canaliculata)
T. benthamiana
T. campanulata
T. canaliculata
T. x carnea
T. cornicina
T. crinita
T. cucullata
T. flexuosa
T. fuscolutea
T. graminea (related to T.
pauciflora)
T. x macmillanii

P. triangulare

P. picta (in the P. rufa
complex)
P. pyramidalis (related to P.
dilatata)
P. recurva
P. robusta
P. roensis (in the P. rufa
complex)
P. rogersii
P. pusilla
P. sargentii
P. scabra
P. spathulata (in the P. rufa
complex)
P. turfosa (related to P.
barbata)
P. vittata

T. macrophylla (related to T.
nuda)
T. mathewsii
T. mucida
T. nuda
T. pauciflora
T. psammophila
T. sargentii
T. spiralis var. pallida
T. spiralis var. punctata
T. spiralis var. scoulerae
T. spiralis var. spiralis
T. stellata
T. tigrina
T. variegata
T. villosa

SUPPER ROSTER 1988

November Harry LODGE

RAFFLE ROSTER 1988

November John TONKINSON

A.G.M. - NOVEMBER 16TH

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MR & MRS A BROWN

Next Field Trip:

November 19th

Gnangara mound.

December 3rd - 4th

Late flowering Diuris - Walpole.