

JUL 1980

OFFICIAL BULLETIN



Registered for posting as Category "B"

20 CENTS

OFFICE BEARERS FOR 1980

Patron: Sir Crawford Nalder K.B.

President	Mrs Alison Harrington
Vice President	Mrs Jean Long
	Mr Andrew Brown
Secretary	Mr Noel Hoffman
Treasurer	Mrs Margaret Stewart
Committee	Mrs Fay Gordon
	M/s Linda Penny
	Mrs J. Tondut
Registrar	Mr Roy Brown
Culture Registrar	Mr Steve Hopper
Librarian	Mrs Fay Gordon
Asst. Librarian	Mr Terry Wilson
Reserve Warden	Mr Dave Emery
	Mr Mick Leece
Hon. Botanical Adviser	Mr Alex George
Field Trip Organizer	Mr Barry Duff
Bulletin Editor	Mr Terry Wilson



The next General Meeting will be held at the Film Room,  
Department of Agriculture, Jarrah Road, South Perth on  
Wednesday 16th July at 8.00pm.

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#### Resignation

It is with regret we announce Mrs Jean Long's resignation  
as Vice-President of the Group. Jean will still continue  
to attend meetings and field trips whenever family commit-  
ments allow. The Group would like to thank Jean for her  
wonderful service, her absence at the Committee meetings  
will be sorely missed.

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#### Report - Alison Harrington

##### Sunday 6th July, Field Trip.

The proposed dry run with the Fisheries and Wildlife Atlas  
Sheets for 29th June was cancelled and 15 members joined  
Steve Hopper and Graham Chatfield the next Sunday.

The first stop on Mills Road, Gosnells only produced two  
Diuris longifolia and numerous seed capsules of Caladenia  
aphylla. Steve used these to show how the sheets were to  
be filled. We then moved off to Buchanan Road, Roleystone  
 $\frac{1}{2}$  kilometre off Canning Mills Road. Twelve species, two  
in flower were located. A group discussion produced some  
excellent ideas for refinement of the sheet layout.

The final forms will be available as soon as practicable.  
As a group I feel we can look forward to the advantages of  
computer analysis of our orchid distribution and habits.

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#### Future Meeting Topics.

July 16th The new Flora Protection Act. Guest speaker  
Mr Bowen - Head Department of Fisheries and  
Wildlife.

Slides of Rhizanthella gardneri. Short slide  
programme from Ron Heberle presented by Linda  
Penny. Slide competition from the June meeting.



Future Field Trips - Put them in your diary.

July 20th

Busy Bee at the Smythe Road Reserve, Nedlands at 9.30am. Bring shovel, kneeling mats etc. Come and see the work Dave Emery and Mick Leece have done and help catch up on removal of weeds.

July 26 & 27th

Overnight trip to Three Springs to collect plants from 500 acres to be cleared on a private property.

Meet at The Three Springs Hotel 10.30am Saturday. Members wishing to stay at the Hotel should book their own accommodation.

August 17th

Survey field trip to the John Forrest National Park.

A.M. Group to meet at entrance opposite swimming pool at 9.30am.

P.M. Re-group at 12.30pm. at Kiosk for barbecue lunch.

The aim is to assess the orchid population over as much area as possible in the Park. Come for the morning or afternoon or all day.

August 30th

& 31st

Hyden, Lake King, Lake Grace, Kulin and Corrigin. Meet at Wave Rock on Saturday at 10.00am. Book your own accommodation at Lake Grace Hotel for August 30th.

September 13th

Another trip to Three Springs to collect later growing species.

September 21st

To Boulder Rock, Nicholson Road and Hills.

Meet at Carousel Car Park near Kentucky Fried at 9.30am. Trip to conclude with Barbecue at Boulder Rock 1.30pm. Make this a social day.

October 11th

12th & 13th

To Walpole - the main purpose of this trip is to check out a large area in the "Wilderness" section of the Walpole/Nornalup National Park which was burnt out in October 1979 between the Deep River, Crystal Lake and Mt. Hopkins.



### Future Field Trips Contd.

This trip could entail 8 - 10 miles of continuous bush walking after crossing The Deep River by boat, as vehicles are not permitted in a wilderness area. Less energetic members will find plenty of other sites to inspect and information on these will be provided. If you have rubber boots bring them if you wish to inspect the local swamps. Corybas unguiculatus will be in bloom at this time.

Accommodation will be available from the night of Friday 10th to Sunday 12th inc. at Terry Wilson's house. There are 5 spare beds and plenty of room on the lounge floor for sleeping bags. Otherwise members should book into the local Hotel/Motel, Tinglewood Lodge, Seagull Autell or Jesmond Dene Lodge, Nornalup.

### Champion Orchid Award

Congratulations to Harry Lodge on winning the Champion Slipper Orchid award in the winter orchid championships last week.

Future Field Trips Contd.

This trip could entail 5 - 10 miles of continuous bush walking after crossing the Deep River by boat. As vehicles are not permitted in a wilderness area, less energetic members will find plenty of other sites to inspect and information on these will be provided. If you have rubber boots bring them if you wish to inspect the local swamps. Corybas wrightii might be in bloom at this time. Accommodation will be available from the night of Friday 10th to Sunday 12th inc. at Terry Wilson's house. There are 2 spare beds and plenty of room on the lounge floor for sleeping bags. Otherwise members should look into the local Hotel/Motel, Tingewood Lodge, Seagull Auliff or Diamond Lane Lodge, Nornalup.

Champion Orchid Award

Congratulations to Harry Lodge on winning the Champion Slipper Orchid award in the winter orchid championships last week.



DIURIS LONGIFOLIA - Fay Gordon

Diuris - from the Greek 'dis' meaning two, 'oura' meaning tail.

longifolia - from the Latin 'longi' meaning long, 'foliatus' meaning leaves.

There are over forty species in this genera, all of which are found in Australia. Several species are endemic to Western Australia.

*Diuris longifolia* is usually a sturdy, tall plant with two or three long, narrow leaves with one often longer than the rest. The flowers - usually from 2 to 5 - are fairly large, yellow with brown to purplish brown markings.

The two ear-like petals which give the plant it's common name (Donkey Orchid) grow on long 'claws' flanking the dorsal sepal and are similar in colour to it.

The dorsal sepal, roughly semi-circular forming into a point, is usually brownish yellow while the lateral sepals are green, channelled and pointed. They cross in the mature flower but remain parallel in the more immature flower.

The labellum is yellow at the base in all three lobes, fusing to a reddish brown towards the tip. The centre lobe has raised centre line, giving almost a semi-folded effect.

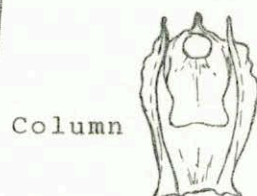
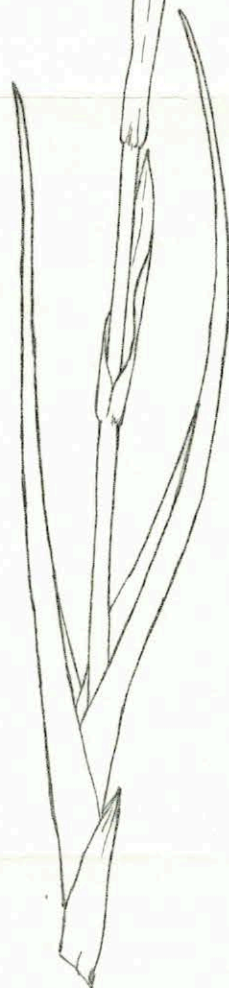
The side lobes of the labellum are about equal in length to the centre lobe, yellow at the base with brownish tips.

The anther of the short column is not pointed

The root system consists of oblong tubers up to 5 cm long and seems to tolerate more disturbance than other genera, hence it is relatively easy to grow in cultivation.

The Common Donkey Orchid is common in many varied habitats throughout the South West (and also in all states except Queensland and the Northern Territory) and seems to thrive even on the edge of golf course fairways and among the litter of garbage dumps, where less tolerant genera will not survive.

Flowering time in the S.W. of Western Australia is from July to September.



Labellum

A.W.

ORCHIS LONGIFOLIA - Jay Garden

Orchis - from the Greek 'orchis' meaning testis.  
'longifolia' - from the Latin 'longus' meaning long.  
leaves.

There are over forty species in this genus, all of which are found in the British Isles. Species are endemic to western Australia. *Orchis longifolia* is usually a sturdy plant with two or three long, narrow leaves with one often longer than the rest. The flowers - usually from 2 to 5 - are fairly large, yellow with brown to purplish brown markings.

The two sepals - the petals which give the plant its 'claw' - flanking the dorsal sepal and are similar in colour to it.

The dorsal sepal, roughly semi-circular, forming into a point, is usually brownish yellow while the lateral sepals are green, channelled and pointed. They cross in the mature flower but remain parallel in the more immature flower.

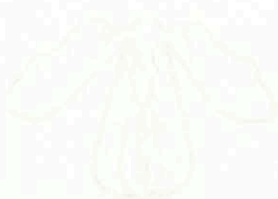
The labellum is yellow at the base in white, three lobes, turning to a reddish brown towards the tip. The central lobe has a central line, giving almost a stem-like effect.

The side lobes of the labellum are almost equal in length to the central lobe, yellow at the base with brownish tips.

The anther of the short column is not protruding. The root system consists of oblong tubers up to 5 cm long and tends to replace those which are older than others. It is more numerous than other species.

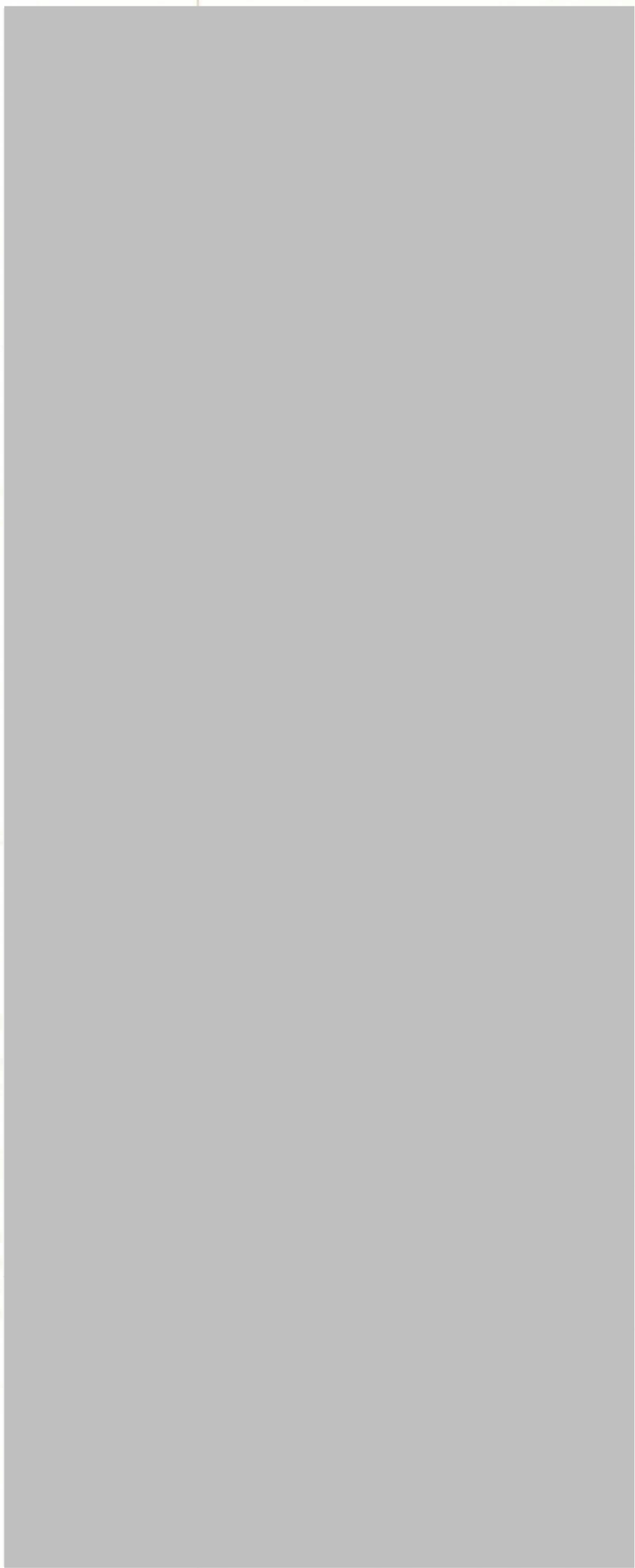
The Common Dandelion (*Orchis*) is common in many varied habitats throughout the South West (and also in all states except Queensland and the Northern Territory) and seems to thrive even on the edge of golf courses. It is found among the litter of garbage dumps, where less tolerant genera will not survive.

Flowering time is the 2nd of Western Australia is from July to September.



Labellum





Petal

Staminal Column

Stamen



Column



Labelled

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