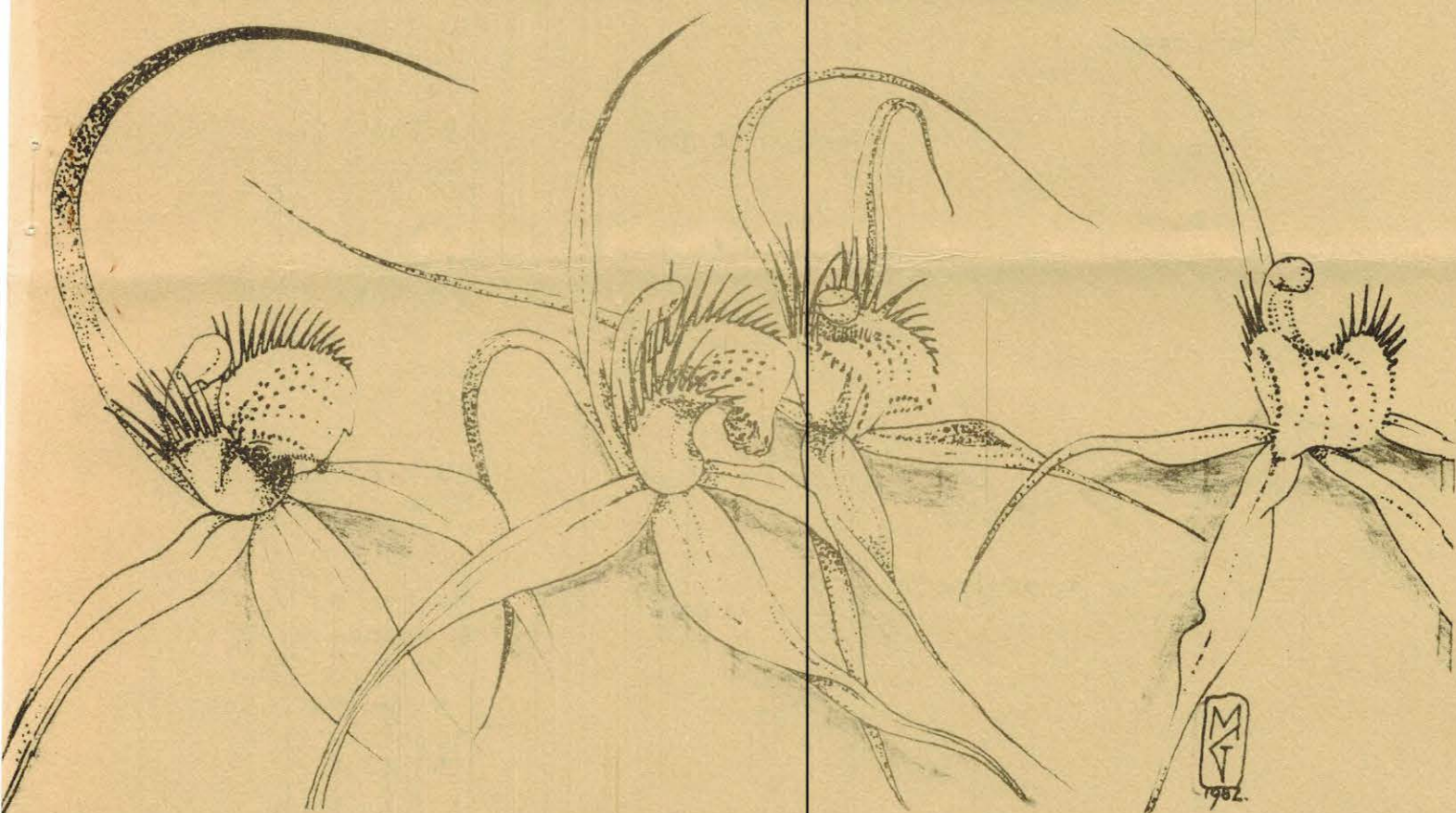


THE W.A. NATIVE ORCHID STUDY & CONSERVATION GROUP



MEETINGS... 3rd WEDNESDAY each
month at..

Western Australian Department of Agriculture
film room, Jarrah rd. BENTLEY

Official Bulletin

PRICE **40c**

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OFFICE BEARERS 1983.

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Advisory Editor	Andrew Brown
Bulletin Committee	Alison Harrington Andrew Brown Fay Gordon Marie Pickersgill

THE WEST AUSTRALIAN NATIVE ORCHID STUDY AND CONSERVATION GROUP.

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 environments.
- 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 organizations.
- 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.

GENERAL MEETING

WEDNESDAY - OCTOBER 19 - 1983.

8 p.m. Film Room - Department of Agriculture, Jarrah Road, South Bently.

Topic: Slide evening - there will be a showing of species observed on two recent field trips to Kendenup/Stirling Ranges and Nicholson Road.

Raffle: A cymbidium orchid donated by Harry Lodge.
Supply, slide competition and plant display so bring along your slides and pots.

COMMITTEE MEETING

WEDNESDAY - NOVEMBER 2 - 8 p.m.

FIELD TRIPS

October 23, Mills Road area to find *Thelymitra stellata*.
Meeting at Kentucky Fried Chicken end of Carousel car park at 10 a.m. Bring lunch.

November 13, This will be a combined break-up social event as well as a field trip to Boulder Rock to see *Spiculea ciliata* in flower. B.Y.O. everything and will have a picnic lunch. Barbecues are available. The raffle will be a Christmas Cake so bring some money, too.

NEW MEMBERS - John Tonkinson.

THE WEST VIRGINIA COLLEGE STUDENT GOVERNMENT

OBJECTS OF THE GROUP

- a. To protect interests in and promote West Virginia education.
- b. To learn the best means of solving the problems of education in this country for the purpose of making progress in their mutual development.
- c. To learn their duties and keep records.
- d. To have field days and to be recognized the different groups and states.
- e. To hold meetings for the exchange of knowledge and information.
- f. To assist in the development of the group's economic activities.
- g. To do all such other lawful things as are incident to the maintenance of the object of the group.

MEMBER MEETING

WEDNESDAY - OCTOBER 19 - 1927.

8 p.m. First Session - Presentation of Resolutions, Business Meeting.

Topic: High School - There will be a display of specimens preserved in two recent field trips to Kentucky, Virginia, and West Virginia.

Address: A presentation made by Harry L. Lister, Supply, State Government and some display as being given from slides and maps.

COMMITTEE MEETING

WEDNESDAY - NOVEMBER

FIELD TRIP

October 22, Mills Road near the Thompson station, meeting at Kentucky Field Station and at Cyclopedia Bay first at 10 a.m. Dining lunch.

November 12, This will be a combined day-long social event as well as a field trip to consider how to use Cyclopedia Bay in the future. 5.00. evening and will have a picnic lunch. Address will be available. The picnic will be a Cyclopedia Bay picnic and money, 25.

THE MEETING

- 4th Session

SEPTEMBER MEETING NOTES

There was quite a crowd at the September meeting to hear Dr S. Hopper's talk on the reclassification of several varieties in the *Caladenia* group. The members present are now thoroughly confused and I feel it may take a season or two for us to recover, but it is certainly a long overdue revision and our thanks go to Steve for his efforts in this area.

Steve also gave a brief resume of his visit to the Australian Orchid Conference at Townsville. A copy of the proceedings is now in the library and anyone who is interested in reading it may contact the librarian.

A discussion on our display at the Wildflower Exhibition was held and Tim Maddocks volunteered to take the display board to Kings Park on set-up night. Thanks go to Andy, Steve and Tim and also to Glad Crowder who restocked the brochures during the weekend. Hopefully, some of our members who were not scrambling around the Stirlings managed to see it.

The plant display was won by Sid Gibbings with his pot of *Caladenia delatata*. Others on display were *Pterostylis sargentii*, *Spiculea ciliata* (in bud) *Pterostylis nutans* (S.A. Species), *Lyperanthus serratus*, *Drakea Glyptodon*, *Caladenia flava*, and *Caladenia Huegelii*.

Keep those pots coming in, they create lots of interest and discussion. Don't forget to help up your cultivation sheets, too, as we can all learn from your successes - and your failures.

A delicious supper provided by Ron Perry - well, Lynley Perry, really, ended an interesting and enjoyable meeting.

PRE-PUBLICATION ORDERS -, Noel Hoffman and Andy Brown's book 'Orchids of S.W. W.A.' is almost ready and anyone interested in placing pre-publication orders should contact either Noel, Andy or Fay. There is already quite a list and, since you will save a few dollars, get in quick.

ANNUAL GENERAL MEETING - will be held on November 16 so start thinking NOW about election of officers. There will be at least two and possible three vacancies on the Committee and since Alison is not eligible for another term as President we need volunteers or nominations for a new leader.

MEMBERSHIP FEES - A number of members are still unfinancial for 1983. Our fees will have to be raised next year as Bulletin costs have risen steeply this year so be prepared!!!! We cannot afford to keep sending out bulletins to non-financial members so please pay any arrears promptly.

WONGAN TRIP REPORT -- Noel Clarke

Thirteen members and three juniors braved the 8 a.m. start from Midland for a very rewarding day at Wongan where we were joined by Des Kruske whose preliminary work made searching easier. Our thanks go to Ron Perry for his safe driving. The trip objective was achieved with the sighting of over 20 *Thelymitra spiralis*. The photographers had to be content with a delay till the afternoon to click the shutters. The morning wind was a trifle cool.

and, since you will save a few dollars, get in quick. There is already quite a list interested in placing pre-publication orders should contact book 'Orchids of S.W.W.A.' is almost ready and anyone - Noel Hoffman and Andy Brown's PRE-PUBLICATION ORDERS

A bonus was a profusion of Caladenia deformis and Diuris longifolia and 2 nice clumps of C. filamentosa. Leporella fimbriata had passed its prime. C. patersonii and Pterostylis recurva are in bud and should be open in the next couple of weeks.

Also sighted were Pt nana and C. reptans in flower and leaves of Eriochilus dilatatus, Lyperanthus, Leporella fimbriata and C. flava.

FIELD TRIP - DONGARA/ENEABBA - Marie Pickersgill

Perhaps this trip should have been called the 'McQueen's' trip. Thanks to Norm McQueen of McQueens Caravan Park, new areas for Caladenia crebra and other orchids have been noted. Thanks Norm. Anyone going that way we recommend a visit.

Around the park and at the turn off from the Brand Highway we found Diuris longifolia - very pale form, C. flava in bud, Lyperanthus nigricans leaves, C. deformis, C. patersonii, leaves and Pterostylis vittata.

Approx 16km north of the Caravan Park, just north of a swamp area where there was no surface limestone or Eucalyptus erythrocorys there were C. crebra in flower and bud together with Leporella fimbriata, C. patersonii and C. filamentosa.

It proved too early for the Mt Adams Road location where C. crebra were not prolific and only a few in bud. C. flava in this area were the green backed leaf variety, again bud only.

The previously known location of C. crebra near the Arrowsmith Station turn off provided three flowers for the photographers with C. deformis, and thousands of C. flava and L. fimbriata leaves.

The highlight of the trip proved to be the Arrowsmith River crossing. Turn off approx 9 k.m. north of McQueens and follow the gravel road to the river. The temperature of the water is very cold - it was tested !! Care should also be taken with rabbit holes. After flooding they do tend to give way. Judy - IMMEDIATE assistance, not flight is recommended - happy landings.

Although again a little early, evidence of the following was found near the river.

C. latifolia in bud
C. deformis in flower
Presophyllum sp
C. filamentosa
C. marginata in late bud.

Lyp nigricans - leaves
L. fimbriata - leaves
Pt vittata
C. Flava in bud

Back towards the Highway, on a slight rise with Eu. erythrocorys were growing - C. crebra, C. patersonii, C. flava, C. filamentosa (leaves), Lep. fimbriata leaves and next to the parked cars, we found pt vittata var vittata. Apparently there is an area on the Leeman Road where C. crebra also grows, however time ran out.

- C. moravicus in late bud.
C. filamentosus
C. filamentosus
C. filamentosus
C. filamentosus in flower
C. filamentosus in bud

ENEABBA TRIP

On Friday 26th Nancy and I wended our way up to McQueen's Caravan Park 23 km north of Eneabba. A burnt area at Moore River National Park proved fruitless but the unburned area produced Diuris longifolia, Elvyanthera brunosis, Caladenia flava in flower, Thelymitra crinita in bud and millions of Leporella fimbriata leaves with on finishing flower. Regans Ford provided C. flava, C. filamentosa, T. crinita (bud) and L. fimbriata leaves.

About 35km south of Badgingara on the road verge we found the albino form of P. nana along with P. vittata (finished) D. longifolia and C. flava. Soon after in a dense clump of wattles were found C. discordea.

On Saturday 27th we met Des Kruske and revisited the Arrowsmith River at Sampson Road site. Near the river were thousands of C. Hirta - one albino and one very dark pink bordering on red. Further from the river C. patersonii were in profusion including one at least 12 inches diameter. Other orchids sighted here were C. flava, C. filamentosa, C. deformis, C. crebra, D. longifolia, T. antemiferia, P. Nana and P. Vittata (finished)

At the other location north of the swamp 37km from Eneabba we found C. crebra, C. flava, C. patersonii, C. latifolia, C. patersonii and C. crebra hybrid, D. longifolia, and P. vittata still in flower.

Noel Clarke.

ORCHIDS OF EYRE

The old Dyre telegraph station (now restored as a bird observatory) lies 30 km SE of Cocklebiddy on the edge of the Great Australian Bight. Here the Roe Plain consisting of consolidated sand dunes, extends 10km from the coast inland to the limestone Hampton escarpment.

While involved in a botany course at the bird observatory from July 10 to 16, a general collection of plants was made. A special effort was made by the nine participants to locate orchids. The party searched all major vegetation types along tracks within 25 km of Eyre. The following orchids were found:

Pterostylis vittata: common in all habitats in small numbers, usually in sand in the shade of mallees such as Eucalyptus sugosa, E. foecunda, E. diversifolia and E. incrassata. Most plants were in full flower, and all had the red brown colouration typical of South Australian populations.

Pterostylis mutica: scattered in a number of small colonies on the Roe Plain, in sand beneath mallees. Just commencing to flower.

Prasophyllum nigricans: found at three locations only, all on the Roe Plain within 2km of the scarp. Only six inflorescences were located in the largest population of 100+ plants. All had gone to seed, and characteristically lacked their leaves.

THE BEE TREE

On Friday 28th May and I walked our way up to McGowan's
Garden Park 25 km north of Emerald. A burnt area at Moore
River Park had been grazed but the unburnt area
remained dense. Epiphyllum phyllanthoides, Calceolaria
flava in flower, Phyllanthus species in bud and Myrica
lanceolata leaves with on flowering flower.
Leaves from: C. flava, C. filiformis, C. ovata
(1st) and C. filiformis leaves.
About 50m south of McGowan's on the road where we found
the alpine form of C. flava (1st) (1st) (1st)
C. flava and C. flava. 8 on after in a dense clump
of water was found C. flava.

On Saturday 29th we met Mrs. Kitchin and revisited the
McGowan's River at Hamilton Road side. Near the river were
thousands of C. flava - one alpine and one very dark pink
bordering on red. Further from the river C. flava
were in profusion including one at least 12 inches diameter.
Other orchids sighted here were C. flava, C. filiformis,
C. ovata, C. ovata, C. ovata, C. ovata,
C. ovata (1st) (1st) (1st) (1st) (1st) (1st)
At the other location north of the swamp 25m from McGowan's
we found C. flava, C. flava, C. flava, C. flava,
C. flava, C. flava, C. flava, C. flava,
C. flava still in flower.

Noel Clarke.

ORCHIDS OF BIRN

The old Birn Telegraph station (now restored as a bird
observatory) lies 30 km N of Cookfield on the edge of the
Great Australian Bight. Here the sea plain consists of
consolidated sand dunes, extending 10km from the coast inland
to the limestone Hampton escarpment.

While involved in a botany course at the bird observatory
from July 1961 to 1962, a general collection of plants was made.
A special effort was made by the nine participants to locate
orchids. The party searched all major vegetation types
along tracks within 25 km of Birn. The following orchids
were found:

Terrestrial vicia: common in all habitats in small numbers,
usually in sand in shade of mallee or Acacia
guttata, A. guttata, A. guttata and A. guttata. Most
plants were in full flower, and all had the red brown
coloration typical of South Australian populations.
Terrestrial vicia: scattered in a number of small colonies
on the dunes; in sand beneath mallee. Just commencing
flower.

Terrestrial vicia: found at three locations only, all
on the dunes within 2km of the coast. Only six
inflorescences were located in the largest population of 100+
plants. All had gone to seed, and characteristically lacked
their leaves.

Thelymitra nuda: a solitary plant in tight bud was found on the plateau inland from the scarp NW of Eyre. It grew in open mallee (*Eucalyptus cooperana*, *E. discretata* and *E. incrassata*) beneath low shrubs in shallow sand over limestone.

I am grateful to Andrew Brown for identifying specimens of *T. nuda* and *P. mutica*.

Steve Hopper.

PTEROSTYLIS BARBATA

Pterostylis barbara, the Bird Orchid, is a slender plant about 20cm tall. It is a one flower plant with green spotted white ovate-lanceolate leaves crowded at the base.

The flower is green finely net veined. The upper petals and dorsal sepal are fused terminating in a fine point about 1cm long. The lower sepals about 3cm long and 1mm wide are fused at the base. The labelum about 2.5cm long is thread like with long golden lateral hairs terminates in a brown knob.

Insects are prevented from entering the flower at the upper 'exit' opening by 2 long bristles which bars ingress but allows egress to visiting pollinators.

The plant is fairly solitary usually found in conjunction with *Pterostylis recurva*. Distribution is widespread, flowering August - September.

FINANCIAL MEMBERS 1983.

If your name is not on this list, your fees for 1983 have not been received and your Bulletin will be discontinued after November 1983 unless fees are paid.

We apologise if this upsets anyone, but our budget is limited and Bulletin costs have risen steeply. It has cost us 60c per copy to send out bulletins in 1983.

Axon Ray and Betty	Graham Don and Sally
Barrett Bryan	Hargreaves Roy
Barton Lex	Harrington Alison
Bates R	Heberle Ron and Pauline
Bestow Trevor and Pat	Hocking Bert and Joan
Binns Doug	Hoffman Noel and Pat
Brown Andy and Charmaine	Hopper Stephen
Clarke Noel and Nancy	Johnston Lionel
Cutler Gordon	Jones Ken
Dixon Kingley	Judd Frank and Brenda
Duff Barry and Sue	Kruske Des
Dundas Pat	Lockyer Norm
Footte Herb	Lodge Harry and Jo
Ford Keith	Long Jean
George Alex	McCraith Gerald
Gibbings Six-	Maddocks Tim and Wendy
Gordon Fay	Magagnotti Frank
Gowdy Maria	Morgan Lynton and Gaye
Nalder Sir Crawford and Lady	Nesbitt Les
Peakall Rodney	Terry Ron
Phillips Paul	Pickersgill Marie
Preston Val	Rance Jim and Helen
Reed Ginton	Reynolds Juliet and Phillip
Richards Helen	Smith Raymond

The plant under: a solitary plant in light but was found on the plateau inland from the coast NW of Eyr. It grew in open places (Banyan trees, R. discolor and E. thymifolia) beneath low shrubs in shelter and over limestone.

I am grateful to Andrew Brown for identifying specimens of T. rubra and T. myrica.

Steve Hopper.

TEROSTYLIS ALBATA

Terostylis albata, the Bird Orchid, is a slender plant about 20cm tall. It is a one flower plant with green spotted white ovate-lanceolate leaves crowded at the base. The flower is green finely net veined. The upper petals and dorsal sepal are fused terminating in a line point about 1cm long. The lower sepal about 2.5cm long is spread at the base. The labellum about 2.5cm long is thread like with long golden lateral hairs terminates in a brown knob.

Insects are prevented from entering the flower at the upper 'exit' opening by 2 long bristles which have hairs but allow access to visiting pollinators.

The plant is fairly solitary usually found in conjunction with Terostylis recurva. Distribution is widespread.

FINANCIAL MEMBERS 1987.

If your name is not on this list, your fees for 1987 have not been received and your Bulletin will be discontinued after November 1987 unless fees are paid. We apologise if this upsets anyone, but our budget is limited and Bulletin costs have risen steeply. It has cost us 60c per copy to send out bulletins in 1987.

- | | |
|---|---|
| Graham Don and Sally
Hartreeves Roy
Harrington Alison
Heberle Ron and Pauline
Locking Bert and Joan
Hoffman Noel and Pat
Hopper Stephen
Johnston Lionel
Jones Ken
Ladd Frank and Brenda
Kruke Des
Lockyer Norm
Lodge Harry and Jo
Lonn Jenn
McGrath Gerald
Macleod Tim and Wendy
Macintosh Frank
Maxwell Lyman and Gave
Meaditt Len
Perry Ron
Tickner Bill and Mavis
Vance Jim and Helen
Vavilala Juliet and Phillip
White Raymond | Knox Ray and Betty
Harrold Bryan
Barton Lex
Bates R
Beaton Trevor and Pat
Binn Dore
Brown Lady and Christopher
Clarke Noel and Nancy
Gutter Gordon
Dixon Marilyn
Duff Barry and Sue
Dumas Pat
Feste Herb
Ford Keith
George Alex
Gibbins Six
Gordon Ray
Gowdy Mavis
Hilder Sir Crawford and Lady
Leckall Rodney
Little Ian
Treason Neil
Reed Gintion
Richards Helen |
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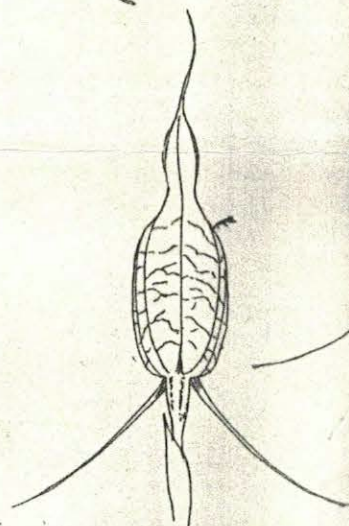
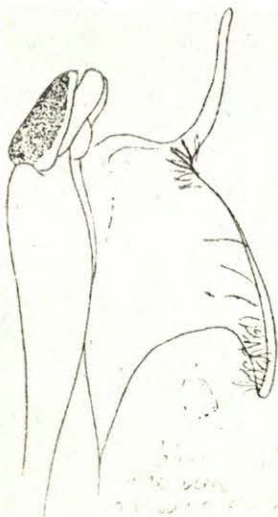
Spice George and Thelma
Stewart Ian
Tonkinson John
Verco Nancy
Watson Peter Marilyn, Bret
Wells D.H.
Wilson Terry and Annette

St Jack Colin and Joy
Stewart Margaret
Trott Julie
Voigt Don
Wells Bert
Wells Terry and Sheila

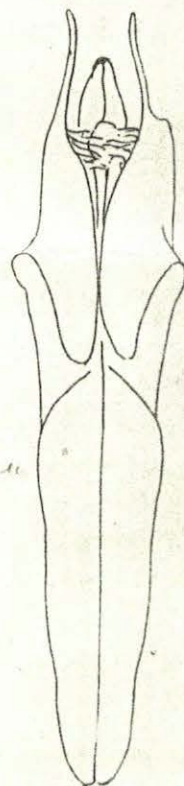
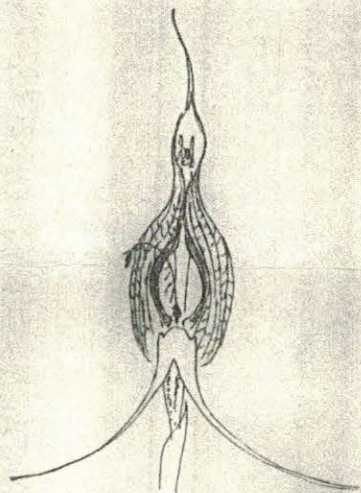
St Jack Collins and Jay
Stewart Murray
Trent White
Vest Don
Wells Carl
Wells Terry and Shelia

John George and Thelma
Stewart Ann
Lorenson John
Vice Mary
Waters Peter, Marilyn, and
Wells D.B.
Wilson Terry and Annette

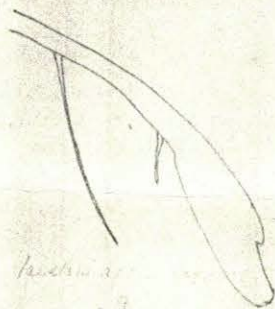
Limnophila maculata (Sw.) T. & G.
 Deep River Bog, Bear River Ridge, Tenn.



Flower bud view
 life size



Flower bud view
 1/5



Leaf view

