

TASMANIAN FIELD NATURALISTS' CLUB.

BULLETIN NO. 90.

Price 2/- p.a.

JANUARY 1965.

HAPPY NEW YEAR, EVERYONE.

Special meeting, Wed. 20th January. This has been arranged so that we may meet members of The Field Naturalists' Club of Victoria who are touring the State. Slides will be shown and there will be ample time for informal discussion. The Royal Society Room, Tasmanian Museum will be the meeting place as usual.

Mrs. Whistle Stead, who is President of the Wild Life Preservation Society of Australia and well-known as authoress of the book "Wild Flowers of Australia", is visiting Tasmania to study its botany. On Monday, 15th February, at 8 p.m. she will give an illustrated talk at C.W.A. Room, Criterion St., to members of our Club and other interested organisations. A supper of tea and biscuits will be served afterwards for a charge of 6d. per person. Come along and bring your friends.

Federation of Field Naturalists' Clubs of Tasmania Annual Camp. This will be at Lake St. Clair during the long weekend, 30th Jan - 1st February. All members and their friends are welcome. The largest of the accommodation huts, "Milligania", at Cynthia Bay has been booked and any who can't fit in there may camp close by. Members must provide their own food and bedding and transport. There will be a small charge for accommodation, whether it be in the hut or camping facilities. Some tinned foods are available from the Ranger. Would those wishing to attend please ring Mr. Wall (8 4165) if they have not already done so. There will be some members from Burnie and Launceston Clubs attending, and some members of Launceston Walking Club are hoping to join us for lunch on Monday -- provided they don't get bushed in the vicinity of Mt. Manfred.

Bird Observers Group will meet at the Wireless Institute Room, 2nd Floor, 147 Liverpool St. at 8 p.m. on Friday, 22nd January. Tape recordings of bird songs will be played. Please note the date which has been altered because of the long weekend. Visitors are always welcome.

Annual Meeting, 10th February. Just a preliminary notice - you'll get another Bulletin before then. But in the meantime you may give some thought to the Office-bearers for the coming year.

(Miss) V. Jones,  
Hon. Secretary.

Phone - 2 5815.

THE CLUB'S POSTAL ADDRESS IS - G.P.O. BOX 68 A, HOBART.



THE TASMANIAN FIELD NATURALIST CLUB BULLETIN

Vol. 91.

February 1965

The Annual Meeting of the Club will be held on Thursday Feb. 18th. in the Royal Society Room, Tasmanian Museum, at 8 p.m. Mr. M. Hurburgh will give a presidential address.

Outings: Mr. R. Hewer will lead an outing to Conningham to look for shells on Saturday February 20th. Private transport to leave the Prince Theatre at 9.30 a.m.

Mr. M. Hurburgh will lead an outing to Wellington Falls on Saturday March 15th. Private transport to leave the Prince Theatre at 9.15 a.m.

Adult Education Courses. The Secretary has received booklets on the courses to be held this year. These will be on the table for interested members to read.

Easter Camp: Easter Camp this year will take the same form as last year. The site will be on the Douglas River, which is about 10 miles north of Bicheno, subject to the necessary arrangements being completed. Equipment may be hired from the Club on the same basis as last year i.e. £1 for tent, fly-sheet and kerosene lamp. There will be more details in the next bulletin.

Monday February 15th. at 8 p.m. in the C.W.A. Rooms, Criterion St., have you remembered? Mrs. Thistle Stead will give an illustrated talk on "Nature Conservation in Australia. Supper of tea and biscuits will be 6d. each. Come along and bring your Friends!

N.B. The April Meeting date coincides with the Easter Camp this year, so we will hold our meeting on Thursday April 22nd. The evening will be given over to discussion on the future form of Easter Camps and the disposal or otherwise of camping equipment.

Club Officers: At the Annual Meeting officers for the year 1965 will be elected. Please do give this matter much thought and do make use of the forms below. These will be received by the Hon. Secretary up to the time of the opening of the meeting.

Hon. Treasurer Mr. F. Angel

Hon. Secretary Miss V. Jones  
(Phone 25475)

Postal Address: G.P.O. Box 68A, Hobart.

I wish to nominate



Field Naturalists Club  
Publication

Hobart for post at a particular

will be held on the 24th March at 8 p.m. or Thursday, 23rd March. A speaker will talk on Egrets and a film will be shown.

Those elected at the last meeting were as follows:-

President Mr. M. Harburgh  
Vice-Presidents Mr. M. Sharland and Mr. S. H. Haver  
Hon. Secretary Miss V. Jones  
Assist. Secretary Miss R. Forsyth  
Hon. Treasurer Mr. F. Angel  
Committee members: Messrs. L. Wall, R. Haver & D. Thorpe  
Mesdames Thorpe & Greenhill & Miss A. Haver

Mrs. Greenhill will be responsible this year for the sea-kay club. A sub-committee to be formed for walks. We are expanding the club and suggestions from members this year with offers for leadership. How so how about it? Don't leave it to the next fellow - see you soon.

FIELD OUTING: The outing to Wellington Falls led by Mr. M. Harburgh now take place on Saturday, 20th March 1965. Private transport from Prince Theatre at 9.15 a.m.

SUBSCRIPTIONS are now due. Please pay Mr. F. Angel at the club or through G.P.O. Box 68 A. Mr. Sargison, 27 Elizabeth St. will be happy to receive your subscription.

BIRD OBSERVERS GROUP will meet at the Wireless Institute Room, 2nd floor, 147 Liverpool St., at 8 p.m. on Friday March 26th. The speaker will be David Milledge.

EASTER CAMP: Easter Camp this year is being held at the Douglas River north of Bicheno, which offers good swimming and fishing. Year by year interesting Nicholls Needle and a windblown sandstone formation at the Portals. Cucumber herrings have also been found in the area. The camp will take the same form as last year, no bring your own food, food, your own lighting system and enjoy a carefree weekend in the company.

Remember own rations for four days and own kerosene. Equipment may be hired on the same basis as last year, but a tent, fly sheet and kerosene lamp. This must be paid at the time equipment is hired. Mr. Wall will be at Sargie's, 33 Mortimer Avenue, New Town on Friday April 10th from 9.30 - 11 a.m. to issue equipment. Please attend between these hours as no equipment will be issued at any other time. This year there will be a further charge of £1 which will be refunded if equipment is returned at the specified time.

N.B. As the April meeting coincides with Easter Camp this year, the date will be changed to Thursday, April 22nd. The evening will be given over to discussion on the future of Easter Camps and the disposal of surplus camp equipment.

Hon. Treasurer: Mr. F. Angel      Hon. Secretary: Miss V. Jones

Postal address: BOX 68A, G. P. O. HOBART



# TASMANIAN FIELD NATURALISTS' CLUB BULLETIN No. 93

2/- p.a.

Registered at the G.P.O. Hobart for transmission by post as a periodical.

The APRIL GENERAL MEETING will be held on Thursday, April 22nd in the Royal Society Room, Tasmanian Museum, Argyle Street at 8 p.m. The evening will be given over to discussion on the future form of Easter camps and the disposal or otherwise of camping equipment.

## EASTER CAMP



Easter Camp will be held at the Douglas River, about 10 mls. north of Eichenon. A reminder to those who wish to borrow equipment - Mr. L. Wall will be at Gargie's, 33 Martiner Ave., New Town on Saturday, April 10th from 9.30 - 11 a.m. to issue equipment. £1. for tent, fly and kerosene lamp and £1. cover charge to be refunded if equipment is returned at specified time. This to be decided during Easter weekend. Remember own rations for four days and own kerosene.

## DREDGING TRIP

A dredging trip has been arranged with Dr. E. Gailer for June 19th or 26th, 1965; actual date still to be verified. Numbers for this are limited - please contact the Secretary at once if you wish to go.

## VERONICA SPECIES

Dr. O.H. Frankel, CSIRO, is co-operating with Professor Fritz Ehrendorfer in a cytotoxic study of the genus Veronica and is anxious to obtain material of the Tasmanian species. If any members would like to assist by collecting the seed capsules and sending them to Dr. Martin, CSIRO, Tasmanian Regional Laboratory, Stowell Ave., Hobart, they will be glad to refund any postal and packing charges. They suggest you collect whole plants with dry or nearly dry seed capsules directly into plastic bags in the field and send by first available post, or collect dry and nearly dry seed capsules in envelopes and post them on. Details of locality should be included, but identification of species is not necessary.

Hon. Treasurer: Mr. F. Angel  
Phone: 29607

Hon. Secretary: Miss V. Jones  
Phone: 25615  
83183

Postal address : BOX 68-A, G. P. O., HOBART.





# TASMANIAN FIELD NATURALISTS' CLUB

Bulletin No. 94

May 1965

2/- p.a. Registered at the G.P.O. Hobart for transmission by post as a periodical

THE MAY GENERAL MEETING will be held in the Royal Society Room at the Tasmanian Museum on Thursday, May 20th 1965, at 8 p.m. Subject will be "A Review of the Douglas River Area, East coast." Geography by Michael Sharland, birdlife by David Milledge. Other aspects, including Easter Camp, by Leonard Wall. Any slides taken by campers will be welcomed for screening.

FIELD OUTINGS: Saturday, May 22nd, Mr. A. Hower will lead an outing to Gunner's Quoin or Devil's Elbow. This is an interesting area and the Tasmanian Hair-Stroke butterfly is known to be there but as yet has not been found. Now is the time to look for it. So, make a note of the date and come along - maybe you can find one. Private transport leaving Prince Theatre 9 a.m.

BIRD OBSERVERS GROUP: Meeting will be held at Wireless Institute Room, 147 Liverpool St., on Friday, May 28th at 8 p.m. Speaker: Michael Kerrony  
Subject: Birds of Macquarie  
Visitors Welcome

SOUTH WEST COMMITTEE: Michael Sharland, the Club's representative on the South West Committee, reports that this current year could be a most important one in the work of the Committee. For instance, it is believed that H.E.G. plans for Lake Pedder will be made known and that plans will be finalised for a game reserve in the South-West, while the Government might give effect to its proposal to appoint a controlling body for the region. The Committee has been active in promoting public interest in the preservation of the South-West from the effects of indiscriminate industrial or mining development. It has agreed to oppose very strongly any proposal to "drown" Lake Pedder for H.E.G. power development projects, but will not object to a road being put in to the lake for tourist purposes. Through its efforts the Government agreed to proclaim a large section of the region a fire-protection district, which was a big advance. The Committee is now formulating a master plan for the preservation of the Port Davey area at the proclamation of a national park there.

REQUIRED by Chanticleer Press for book being published - "Australia and the Pacific" by J. Allan Keast - photographs of top quality in color and black-and-white, plus book publication rights for all edition and translations of the book. Credit will be given for each picture and all transparencies will be returned after engraving. (Reproduction will be in sheet-fed gravure.) Photographs are wanted of landscapes, habitats, animals, birds, trees, and plants. All animal pictures must show as much natural environment as possible. NO HUMAN BEINGS, NO MAN-MADE OBJECTS, NO ZOO PICTURES, unless specifically requested.

ATTENTION OVERSEAS PHOTOGRAPHERS: Please be sure to mark your packages: Photographs for educational purposes - on loan only.

## Tasmania

The high country  
Lake St. Clair before Mt. Olympus  
other highland lakes  
Derwent River (no evidence of settlement)  
Cradle Mountain; Ben Nevis; Frenchmans  
Christmas bells and warataha  
highland wild flowers  
Tasmanian devil and wolf

wallabies; pademelons; currawong  
swans (moulting and nesting)  
yellow wattle bird; diamond birds  
strong-billed honeyeater on tree top  
Cap Tasmanian thornbill; Cape Barren gull  
bird islands of the Bass Strait  
muttonbirds; Pacific gull  
Calaxias fish; primitive shrimp Anaspidae



Anyone interested in sending photographs can contact the Secretary for further information.

TASMANIAN NATURALIST: This is a supplementary publication edited by M. Sharland which will be published quarterly. The first edition will be ready for the May meeting. This in no way replaces the "Bulletin". Mr. Sharland will be very pleased to receive articles of interest and observations from members - so now is your chance - get your name in print!

SUBSCRIPTIONS: Are you financial? Don't wait, post your sub. now to Mr. F. Angel, C/- G. P. O. Box 68-A, Hobart.

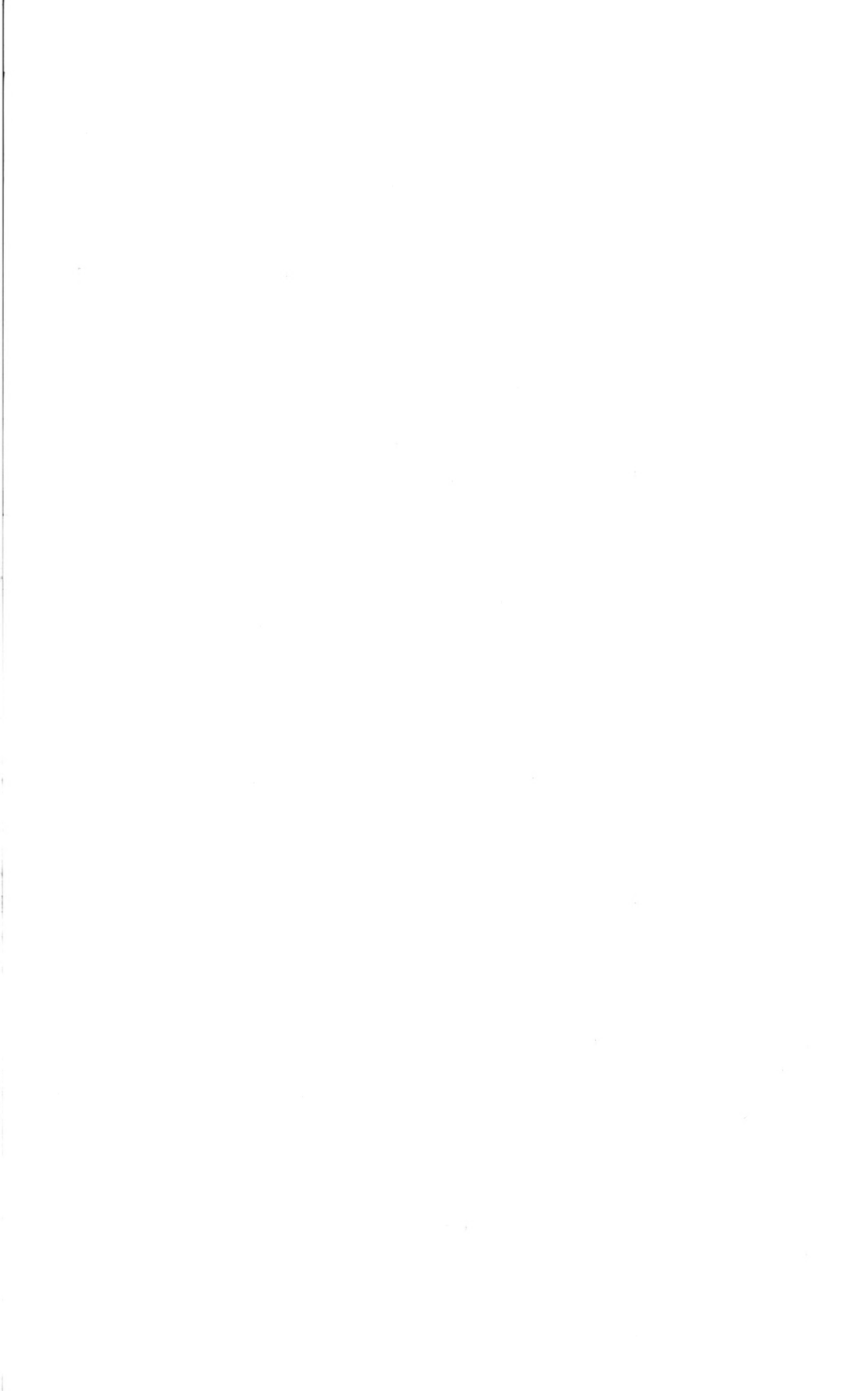
LOST & FOUND

Who lost a green pullover at Easter Camp? The Secretary has it in her possession, clean and awaiting its owner!

Hon. Secretary: Miss V. Jones, 12 Fitzroy Place. Phone 8 3183 (day)  
2 5815 (after 6 p.m.)

Hon. Treasurer: Mr. F. Angel. Phone 2 9607.

Postal address: Tasmanian Field Naturalists' Club,  
G. P. O. Box 68-A,  
HOBART.



# TASMANIAN FIELD

## NATURALISTS' CLUB

Bulletin No.95 1965

2/- p.a.

Registered at the G.P.O. Hobart for transmission by post as a periodical

THE JUNE GENERAL MEETING will be held on Thursday, 17th June, at the Royal Society Room, Tasmanian Museum, Argyle Street, at 8 p.m.

This month Mr. Norman Sanders, an American Fulbright scholar in the Geography Department of the University of Tasmania, will give an illustrated talk on Alaska; particularly on the wild life.

### FIELD OUTING

Saturday, 19th June. Dr. Eric Cudler will lead a dredging trip from Kettering at 10.30 a.m. Private transport will leave the Prince Theatre at 9.30 a.m. Mrs. Julia Greenhill is willing to identify and comment on specimens collected on the trip. If anyone is interested, they could obtain a jar of preservative from her at the Museum, and if a selection of specimens is preserved and left with her, she will name them and bring them to the following meeting.

The following members have indicated that they wish to attend:-  
D. Kildedge, E. Nicholls, A. Hower, D. Thomas, G. Van Munster, P. Webster, E. Warren, K. Aves, V. Nicholls, F. Angel, B. Wright, V. Jones.  
If you will NOT BE able to go please contact Miss Rosemary Forsyth (41053 - home; 27741/392 - business) no later than the June meeting.

### MEMBERSHIP

Welcome to the following members, elected to membership at the last general meeting:

Misses Elizabeth Nicholls & Hilary Cleland; and Mr. Edward Steenberg

#### Death of R. C. Harvey - a Life Member

Our sympathy goes to Mrs. Harvey on the recent death of her husband, who, though not an original member, joined the Club in its very early days and retained continuous membership.

During recent years Mr. Harvey did not take an active part in Club activities, but formerly was a very strong supporter of Easter camps, and we owe to him many of the pictorial records of the early camps and excursions.

Mr. Harvey and his wife took part in the Club's Golden Jubilee celebration last year.

### ANNUAL SUBSCRIPTIONS

This is a reminder that subscriptions may be paid at Sargison's, the Jeweller, at 21 Elizabeth Street, Hobart, or posted to the Treasurer, G.P.O. Box 68A, Hobart.

### CLUB BADGES

Members may purchase Club badges from Sargison's at 7/6 each.



TASMANIAN BIRDS

A course of ten lectures conducted by the Adult Education Board will commence on Wednesday, 23rd June. Bookings should be made at the Board's office in the old State Library building -- Cost £2.

Tutor Mr. L. Wall

This is an elementary course mainly concerned with identification, but a further course including field excursions will follow if there is sufficient support.

SEAL COLONIES : Elizabeth Aves

The Tasmanian Fur Seal (*Arctocephalus tasmanicus*) is not an uncommon sight on Tasmanian beaches or in river estuaries, but some of us might not know that around the Tasmanian coast are many well-established colonies where seals live and breed.

On a boat trip down the east coast of the Tasman Peninsula, I saw two of these colonies on the rocks of Cape Pillar and the large Hippolyte Rock. They consisted of about ten seals each. The seals were about five to seven feet in length and had very thick fur, especially around the neck. Most of them took no notice of us, but a few slid into the water as we approached. It was interesting to see them so close and to watch them as they flopped around on the rocks.

An interesting booklet on Tasmanian Seals, by Mr. J. L. Davies, can be obtained at the Tasmanian Museum.

SNAILS

"... Did you know that most of the snails in our gardens are imported? ... Our snails came from England, most of them by accident either as eggs or babies in consignments of potplants or garden plants, but at least one consignment came in with almost an official welcome; they were put aboard the ship that brought the first lot of song thrushes from England for the Royal Zoological and Acclimatization Society of Victoria, away back in the early days. The thrushes didn't eat all the snails on the voyage out, and those that remained were liberated in gardens in South Yarra. A little later ... the Society reported with some satisfaction that the snails were thriving, and presently there would be no fear that the thrushes they had liberated would go short of food." (*Along the Track with Crosbie Morrison*)

Hon. Treasurer: Mr. F. Angel      Hon. Assist. Secretary: Miss R. Forsyth  
phone: 41053 (home)  
27741/392 (business)

Postal address:      TASMANIAN FIELD NATURALISTS' CLUB  
G. P. O. BOX 68A  
HOBART





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The JULY GENERAL MEETING will be held on Thursday, 15th July, at the Royal Society Room, Tasmanian Museum, Argyle Street, at 3 p.m.

The talk at this meeting will be given by Mrs. J. GREENHILL, B.Sc., and her subject will be "Ants and their Habits". Mrs. Greenhill is Keeper of Invertebrate Zoology at the Tasmanian Museum and obtained her honours degree through her study of Ants.

#### FIELD OUTING

Saturday, 24th July. Mr. I. Wall will lead an outing to the Hastings area; the specific purpose - looking for Lyre Birds. Private transport leaving Prince Theatre at 9 a.m. If you have any doubts about the weather - don't let it stop you. Those who braved it last outing had a splendid day under blue skies.

#### BIRD OBSERVERS GROUP

Meeting will be held at Wireless Institute Room, 147 Liverpool St., on Friday 30th July at 8 p.m. Visitors welcome.

Have you noticed that the Blackwood (Acacia Melanoxylon) is once more appearing in appreciable numbers in our bush. Tasmania was almost denuded of this beautiful tree many years ago, its wood being in great demand for furniture for its rich dark colour. Many of the large passenger liners calling in to Hobart from England had built in cabin furniture and cabin linings of Tasmanian Blackwood.

Does anyone know why the Koala was not used on the new Decimal Currency to be brought into use on "C" (Changeover) Day - 14th February 1966? Could it be because it might have reminded a certain State Government that by licensing 10,000 trappers - yes, 10,000 - in an open season it wiped out a known 600,000 koalas in a year - a decimation from which the creature has not yet recovered and the year of the slaughter - 1927.

E. Thorpe,  
Acting Secretary.  
Ph. 8 0951

Hon. Secretary: Miss V. Jones, Ingo Court, 15 McCann Crescent, Lenah Valley.

Hon. Treasurer: Mr. F. Angel. Ph. 2 9607.

Postal Address: Tasmanian Field Naturalists' Club,  
Box 63 A,  
G.P.O. HOBART.



TASMANIAN FIELD NATURALISTS CLUB

2/- p.a.

Bulletin No 97

September, 1965

Registered at the GPO Hobart for transmission by post as a  
Periodical

THE SEPTEMBER GENERAL MEETING will be held on Thursday, 16<sup>th</sup> September, 1965 at the Royal Society Room, Tasmanian Room, Argyle Street, at 8 p.m.

The talk will be given by Dr. Max Gilbert, of the Forestry Department, on "Eucalypts"

FIELD OUTING

SUNDAY 19<sup>th</sup>, September: Catch the 10.30 a.m. Fern Tree bus from Franklin Square, and join Dr Max Gilbert for an outing on the mountain.

FEDERATION OF F.N. CLUBS' CHRISTMAS CAMP

This annual camp provides an ideal opportunity for joint field work, as well as a holiday weekend with interesting discussions. It has been suggested that this camp be held during the January long weekend and possible sites are; Strahan, Adventure Bay (Bruny Is), Coles Bay. Lake Pedder has also been suggested – this would involve a plane trip from Maydena. If you are interested please contact Mr L. Wall by the September meeting. He is especially interested to hear if anyone is interested in Lake Pedder.

BIRD OBSERVERS GROUP

Meeting Wireless Institute Room, 2<sup>nd</sup> Floor, Fletcher Jones' building, 174 Liverpool St, on Friday 24<sup>th</sup> September at 6 p.m. Visitors welcome.

SUBSCRIPTIONS

There are still a few members who are not financial, (marked with a cross) – the Treasurer will be happy to receive yours. This is the last warning.

Thanks to Mrs Thorpe for helping out  
In July, during the Secretary's absence.

Hon. Treasurer: Mr F. Angel  
2 9707

Hon. Secretary: Miss V Jones,  
15 McCann Cresc.,

POSTAL ADDRESS

Tasmanian Field Naturalists' Club  
Box 68A,  
G.P.O. Hobart.



The Grand Old Man of Tasmania on Thursday, 21st October, 1965 at 7.30 p.m. Central Hall, Tasmanian Museum, Argyle Street, at 8 p.m. This year's programme, being a slide show, is being held at the school until recently a member of the Devonport YEC, will show slides of "Alpine Flowers of Tasmania and Norway."

**MEMBERSHIP:** We would like to welcome Mrs. S. Urquhart. Applications have been received from Mr. F.C. Green, Miss Anderson and David Zeigler.

**FIELD CLUB:** Saturday, 23rd October - car trip to Table Mt. Leader - Mr. P. Wall. Cars to leave Prince of Wales Theatre, Macquarie St., at 9 a.m. sharp, and will travel via Bothwell and Interlaken Road.

The ascent of Table Mt. will be from the western end and will provide a bit of a scramble, but the view and the botany of the top should be well worthwhile. For those who don't want to climb there will still be plenty of interest near the road. Please remember that we are on private property and special care should be taken that no damage to property is done, and that gates are left as they are found, whether open or closed.

It would be advisable to take drinking water.

**WILDLIFE:** The Secretary still has order forms for this magazine if anyone wishes to subscribe. 4/- per issue or 16/- p.a.

30 - 2 a membership to society (magazine included)

**ADULT EDUCATION LECTURES:** Don't forget the Wednesday evening course on Tasmanian Birds conducted by Mr. Wall. Field excursions are a feature and it is still not too late to join, so now is your opportunity to learn more about our birds.

**LIFE MEMBERSHIP:** At the last meeting a representation was made from the Committee to confer Life Membership on Mr. Alan Brownell. Mr. Brownell has been a keen member of this club for many years and his spartan work in connection with organising the Easter Camps, especially all the work he put into the Silver Parties, will be long remembered. We are very grateful to Mr. Brownell for his splendid services to the Club, and it is with very great pleasure that we make him a Life Member.

**ORCHIDS:** In tracking orchids to watch for this month -

<i>Calochortus rugosus</i> ...	Wet Dog Orchid
<i>Calochortus densiflorus</i> ...	Hare's Ear
<i>Calochortus laeviflorus</i> ...	Pink Fairies
<i>Diuris maculata</i> ...	Tiger Orchids
<i>Diuris longifolia</i> ...	Donkey Orchid

Wonder if the names have anything to do with the fact that the first week in October is Animal Week?

#### THE AUSTRALIAN CONSERVATION FOUNDATION:

(The following is an extract from a lecture given, at a seminar on Wildlife Conservation, by Francis Matcliffe, in January 1965; published in The National Parks Journal, June, 1965.)

"The story of the Foundation really starts with a visit to Australia by the Duke of Edinburgh, a couple of years ago. When it was known that he was anxious for Australia to become a contributing member country to the World Wildlife Fund, ... a small group [was called] together to examine the proposition.... We decided that the proposal to join the World Wildlife Fund was not practicable as things were at present. We did not see much chance of raising the quarter of a million suggested using as bait, so to speak, the sort of projects the W.W.F. was staging - particularly as the



... is becoming more and more aware of the urgency of conservation work in Australia .... We came to the conclusion that there was a real need for a body that would interest itself and encourage conservation at the national level; and as the Commonwealth Government could not step in and help fill up the gap, because of the constitutional structure of our Federation (which differs from that of the U.S.A. or Canada), the best thing to do was to set up a private body.....

A Working Committee was set up ... preparing and getting approval for a constitution. These are a few of the things that our body will want to stimulate and support ... the setting up of an adequate series of reserves - national parks, wilderness areas, fauna reserves, vegetation reserves etc. - throughout the continent. Then we must work for a realistic policy of maintaining and managing reserves of different kinds. In this, Australia has a lot to do to catch up with other countries.... The acceptance of the idea that trained personnel are needed to look after our reserved area.... These are examples of needs in the field of 'nature' conservation. There is another aspect of conservation, which might be called 'economic' or 'productive' conservation. This covers the problems of land use, and the prevention of its destructive exploitation.

There are three big hard facts with which our Foundation will have to contend. First is the huge size of the Australian continent, which means that any body trying to function on a truly national scale, must have an organisation that enables it to keep in touch with developments often a couple of thousand miles from its headquarters. Second is the sovereign rights of the States over the land within their boundaries, and thus the fact that conservation policies and schemes almost always be State responsibilities. The Foundation must get the habit of working with the State services.... Third is the fact that practically all the men whom the Foundation will want to rope in to help it because of their special knowledge are extremely busy people doing demanding jobs. This means that we will have to help them to help us by making sure that preparatory and routine work is efficiently done....

The Foundation would need to have a call on something between £10,000 and £15,000 per year. Besides the salaries of the headquarters staff and secretariat, premises would have to be rented, travelling expenses met, and it would also be most desirable to have something in the kitty to pay the out-of-pocket expenses of people enlisted to carry out special surveys and tasks and to be able to subsidize publications.... If things have to be done and contacts kept over a country of 3 million square miles, you just have to pay for the work and time involved....

The Foundation could also act as a rallying point, ... for the many societies and associations already in existence, and concerned by force of circumstances with rather localized aspects of conservation. But rather than stand ready to assist and support schemes in which local bodies are interested, it should set about formulating its own programmes, from the bottom upwards, and its own list of priorities. In the matter of parks and reserves, for instance, after assessing the needs, the Foundation might prepare a 'master plan' for Australia as a whole, and then strive to get this accepted in principle by the various Governments as a reasonable and desirable national objective.

The Conservation Foundation will take some time to become fully fledged, and to acquire knowledge and know-how. In its early stages, when it must concentrate most of its energy on finding its way around and deciding on a plan of action, I expect the demands made upon it will exceed its capacity for performance, and some people may turn away disappointed. However, given reasonable patient support, I am confident that our Federation will follow the normal pattern, and will soon find ways of advancing the cause of conservation in Australia.

Hon. Treasurer: Mr. F. Angel \*\*\*\*\* Hon. Secretary: Miss V. Jones  
Postal Address: G.P.O. BOX 68A, Hobart.





Price 2/- p.a.

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THE NOVEMBER GENERAL MEETING (the last for the year) will be held in the Royal Society's Room, Tasmanian Museum, Argyle Street, Hobart, on Thursday, 18th November 1965, at 8 p.m.

Mr. M. Spencer will give an illustrated talk on Turkey and Gallopoli, 1965.

#### MEMBERSHIP

We welcome Mr. F.C. Green as a member. Applications tabled at last meeting were from Mrs. A. Anderson and Master D. Ziegeler.

#### FEDERATION CAMP

It is unfortunate that only two Clubs of the Federation have replied to the circular seeking the wishes of would-be campers. As a result we cannot give any details at this stage as to whether the camp will be held over the Australia Day weekend, as it was last year, or between Christmas and New Year as in previous years. The venue has not been decided either.

For those still interested will you please ring L. Wall (Phone 8 4165) early in December, by which time we hope that plans will be settled.

#### THE TASMANIAN NATURALIST

We continue to get support from friends both within and beyond the State for the latest series of "The Tasmanian Naturalist", but we need many more subscribers if it is to become firmly established and not a financial drag on the Club's slender resources. Please do all you can to increase its circulation.

To take advantage of the cheapest postage rates this publication has been registered as a supplement to the Club's Monthly Bulletin and will in future be posted with the Bulletin in February, May, August and November.

#### CLUB BADGES

These are available to members from Sargison's, 21 Elizabeth St., Hobart. Cost : 7/6d.

#### OUTING TO TABLE MT., 23/10/65

Those who didn't go really missed a treat. The weather was good despite the gloomy prospect on the previous night, and it improved further as the day progressed. The four car-loads which ventured forth were able to get within about a mile of the summit before the way was blocked by fallen trees and an early lunch was taken before we left the cars. The climb to the top was fairly steep but not difficult and very worthwhile. None of the party had been there before, and all were surprised to find that the plateau has a good coverage of *Eucalyptus coccifera* (Snow Gum) and *E. gunnii*, and the most common shrub under these was the Mountain Berry (*Cyathodes parvifolia*). From the summit, which is at the western end of the plateau, several of the party walked some distance eastwards where we found a marshy area with many ti-trees and one of the species of cushion plants. The only other tree seen was a small Casuarina, and other shrubs included a *Hakea*, *Richea procera*, a *Euphrasia* and a *Leucopogon*. One species of orchid was found growing among the moss, but until the flower appears (a plant was brought home) the species cannot be determined.

The following list of birds was compiled between Bothwell and Table Mt. -

Blue-winged Parrot, Green Rosella, Black Magpie, Grey Thrush, Brown Thornbill, Pallid Cuckoo, Black-cheeked Falcon, Black-faced Cuckoo-Shrike, Olive Whistler, Pipit, Native Hen, Dusky Wood Swallow, Yellow-throated Honeyeater, Blue Wren, Crescent Honeyeater, Flame Robin, Striated Pardalote, and Black-headed Honeyeater. The Yellow-throat was very common on the plateau.

LOST : on Table Mt. - A lady's wrist watch. Finder please return to Mrs. Cleland.

#### OUTING

Saturday, 20th November. Hope Beach, South Arm.  
Cars leave Prince of Wales Theatre, Macquarie St.,  
at 9.30 a.m.

Leader: M. Hurburgh.



MANNA

The following is an abstract of a Paper recently read to The Linnean Society of N.S.W.:

"The occurrence and composition of manna in Eucalyptus and Angophora. By Ralph Basden.

Manna, the exudate from the injured leaves and branches of certain eucalypts and angophoras, has a different composition from the sap. It is formed only on wounds inflicted by certain insects. Several hundred wounds artificially inflicted have failed to induce the formation of manna. It is suggested that an enzyme is secreted by an insect, probably in the saliva, which hydrolyses the pectins and hemicelluloses of the leaf forming galactose and/or galactose phosphate which condenses with the sugars present in the sap forming stachyose from raffinose, raffinose from sucrose, and so on. The analysis of the manna by paper chromatography is described and the composition of manna from different sources is tabulated."

We are hoping to obtain a copy of the full paper for the Club's library.

MEMBERS OVERSEAS

The following note has been received from Mrs. Elliott -  
"I have been thinking of you this morning as Delle Mosey and I circumnavigated St. Kilda and viewed the extensive gannet rookeries and also the fulmars. Masses of gannets were on the wing about our ship, following, a glorious sight. The Isles have high cliffs and very stark and rugged looking. Tomorrow we shall circumnavigate Fair Isle. We are doing the 'Island Run' cruise for 8 days under the Scottish National Trust, and will visit the Outer Hebrides, the Shetlands, Stornaway on Lewis and Inverewe, then Arran on our way back. Both are well. Greetings to F.N. Club."

BIRD OBSERVERS GROUP

Meeting on Friday, 26th November, at 8 p.m., at the Wireless Institute Room, 147 Liverpool St., Hobart.

David Milledge will talk on "Tasmanian Honeyeaters."

TASMANIAN FIELD NATURALISTS' CLUB,  
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HOBART.

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JANUARY LONG WEEKEND CAMP : 29 - 30 - 31 January

To be held at Pine Creek, north of Marion Bay.

Interested members please contact Mr. L. Wall (Phone 8-4165).

MEMBERSHIP

Congratulations to Mrs. A. Anderson and Master D. Ziegeler who were elected to full membership at the last meeting. Applications tabled at the last meeting were from Master S. Hawker and Mr. & Mrs. Nicholas & family.

MEMBERSHIP

At the last Committee meeting it was decided to increase subscriptions by 2/- (20c.) as from January, 1966. The new subs. will be as follows:

Ordinary members	12/- (\$1.20)
Junior members	7/- (70c)
Married couples	17/- (\$1.70)

ADVANCE NOTICE:

EASTER CAMP 1966

The Committee is investigating the possibility of a camp at Lune River or Catamaran. Details later.

ANNUAL GENERAL MEETING - Thursday, 17th February, when the election of officers for 1966 will take place. NOW is the time to begin thinking of who you would like for your Club Officers and Committee; or better still, why not offer your own services. Nomination forms will be enclosed with the next Bulletin.

And finally,

A MERRY CHRISTMAS & PROSPEROUS NEW YEAR TO ALL !

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