

NOMINATION FORM.

I hereby nominate Mr/Mrs/Miss
for the office of
of T.F.N.C. for the year 1973.

.....Nominator

..... Seconder

I accept this nomination

.....

Date.....

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I hereby nominate Mr./Mrs./Miss
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I accept this nomination

.....

Date

No. 171.

February 1973.

Registered at G.P.O. Hobart for transmission by post as a
Periodical, Category B.

The Club's address is - G.P.O. Box 68 A, Hobart, 7001.

Notice of Meeting.

The first meeting for 1973 will be held in the Royal
Society's Room, Tasmanian Museum, Argyle St., Hobart, at
7.45 p.m. on Thursday, 15th February.
Some excellent conservation films will be screened.

Outing, Sunday, 18th February, to Mortimer Bay, Sandford,
leaving Prince Theatre, Lower Macquarie St., at 10 a.m.
Leader, Mrs. E. Thorpe. Bring your own lunch, including
drinks, and if it's a warm day your bathers too.

Annual Subscriptions for 1973 are now due. Please pay to
the Treasurer at the meeting or post to him at the address
above. Subscription rates are -
Single, \$3.00; Family or Group, \$4.00; Junior, \$1.50.
For Non-members the annual subscription for "The Tasmanian
Naturalist" is \$1.00.

Bus trip to Repulse Dam in November was very successful and
fully enjoyed by all who attended. Birds were not as
plentiful as might have been but a fair variety was seen.
Wildflowers provided a good showing on both banks of the
river but there was not much away from the water. Full
lists will be available at the meeting.
Our special thanks go to the organisers for a profitable
excursion.

Habitat types within Tas. National Parks. In last
Bulletin reference was made to the desire of our Federation
to ensure an adequate representation, and a Sub-committee
from the Club's General Committee has prepared a summary
which it has passed on to the Federation. A copy will be
available for your perusal at the next meeting.

Protection of Native Flora. The Federation has also been anxious to support the National Parks & Wildlife Service in its proposal to protect these, but we haven't yet received any comments from members about species which they consider to need special attention. If you have any thoughts about plants, including trees, which might be in danger of extinction would you please give a written note to any committee member.

Places of special interest to visitors. The magazine "Wildlife in Australia" intends to publish a series of articles of such places close to the chief cities as a guide to visitors. We have sent a proposal for the Hobart area and hope that it will be found useful.

Club Library. You should all be aware that the library is housed in two bookcases in our meeting room and any books or magazines in it may be borrowed upon application to our Librarian, David Ziegeler. In addition, almost all issues of "The Tasmanian Naturalist", in its several series dating back to the Club's beginning in 1904, are available for purchase, and they provide a wealth of information collected by the Club covering many branches of natural history. There are quite a number of books of fairly general interest and several, such as Nicholls' "Orchids of Australia", of a more specialised nature. It has just come to our notice that a very recent book, "Insects of the World", is now available and is regarded as a first-class reference book. Its cost is about \$15. This raises the question, "Should the Club purchase such a book as this to make its library as comprehensive as possible?" It would be interesting to know how many members would make use of it; if you would, please let us know.

Easter Camp. The Committee has not reached any decision on the site of the next camp, which you may be aware could in 1973 extend over almost a week if a proposal to approve Easter Tuesday as a Public Holiday because the following day is Anzac Day is accepted. Any suggestions for the site would be welcomed, but please bear in mind that water may well be a problem.

Tasmanian Birds. You've probably forgotten all about our project to produce a pocket-sized book, but it's still a possibility. Progress is very slow, but there are signs of life and maybe it will be ready for next Christmas.

Aftermath of Bushfire, February 1967. Some may remember that soon after this event one of our excursions was to Clifton Beach where we collected and counted dead birds washed up. The information was passed to the Fauna Board which was intending to prepare a detailed report. It has now be ascertained (after 5 years) that a report was published in "Australian Aviculture" and a summary of it also appeared in V.O.R.G. Notes, a quarterly newsletter of the Victorian Ornithological Research Group. Does any member have a copy of the report in "Aust. Aviculture"?

Annual Meeting and Election of Officers, 15th March 1973. This is a preliminary notice to remind you that new officers and committee members are to be elected then, and as stated in our last Bulletin several existing office-bearers will not be available for re-election. Please give this more than just a passing thought. Why not offer yourself for a vacancy, or at least submit nominations of others who are willing and able? Nominations in writing, with the nominee's consent, should be in Secretary's hands by 28th February so that the names of nominations may be included in the March Bulletin. Just in case you need reminding who are the present office-bearers here they are :-
 Pres., L. E. Wall; Vice-Presidents (2), M. Hurburgh and A.M. Hewer; Secretary, Miss M. Westbrook; Asst. Secretary, Mrs. E. Thorpe; Treasurer, I. Lea; Committee Members, Misses E. Warren and E. Brown; Messrs. G. van Munster, B. Shepherd, K. Aves & J. Hooper; Auditor, Miss R. Warren; Publicity Officer, M. Hurburgh; Editor, Tas. Naturalist, D.G. Thomas; delegates to Federation of F.N.C.T., Miss Westbrook and D. G. Thomas.
 Nomination Forms are overleaf.

BULLETIN

Page 4.

T.F.N.C. BULLETIN

March, 1973

Flora and Fauna Conservation Committee

Your representatives on the Tasmanian Flora and Fauna Conservation Committee seek the views of members of this Club as to whether there should be a maintenance of the Committee, now that a strong, unified body, namely, the Tasmanian Conservation Trust, exists.

The much smaller Flora and Fauna Conservation Committee has for many years given much valuable attention to Conservation issues in Tasmania.

It is now felt that perhaps there is no real value in continuing this organisation which covers the same field and has the same aims as the much larger Tasmanian Conservation Trust.

Let us hear your opinions.

Marcus Hurburgh.

RECORD BOOK.

Who would like to volunteer to keep this for a few months? Paste in the list of Observations and Exhibits sent you by the Secretary. See that there is something put in about each outing, and include a very few Press cuttings if there are any on club matters, or articles by club members. It's your chance to look back over the Club's activities!

NEW MEMBER

Mr. Peter Fielding, 13 Audley St. North Hobart.

FAMOUS LAST WORDS

"A CLUB'S ANNUAL MEETING IS THE MOST IMPORTANT EVENT OF THE YEAR"

MAKE SURE YOU ARE THERE TO EXERCISE YOUR RIGHT TO VOTE FOR THE CLUB'S LEADERS FOR 1973.....

No. 172.

March 1973.

Registered at G.P.O. Hobart for transmission by post as a Periodical, Category B.
The Club's address is - G.P.O. Box 68A, Hobart, 7001.

Notice of Meeting.

The next meeting will be the Annual General Meeting. It will be held in the Royal Society's Room, Tasmanian Museum, Argyle St., Hobart, at 7.45.p.m. on Thursday, March 15th.

Following the meeting, Mr. L.E.Wall will give his Presidential Address.

The following nominations have been given to the Secretary.

..Librarian, Mrs. M. McDonald.
..Secretary, Miss M.L.Westbrook.

Outing, Saturday, March 17th.

Mrs. Thorpe will lead this outing. Meet at the Prince, at 10.a.m. If the weather is suitable, the area will be to Collinsvale, but if the Weather Man doesn't co-operate, Mrs. Thorpe has another place in mind.

Club Library

Following the query in last Bulletin about "Insects of the World", a donation of \$1.00 has been donated by Dr. Thyne, in the hope that 14 other club members will feel inclined to make similar donations to raise the purchase price of \$15-00. Any offers?????

Five Minute Talk

This will be given by Miss Mosey who will tell of her recent cruise on Port Davey.

Annual Report for 1972.

Membership. At the close of 1972 our membership consisted of 6 Life Members, 19 Families, 94 Ordinary and 2 Junior Members, an overall increase of 45 during the year. These figures are based on financial membership, and the increase is explained partly by the Committee's drive during the year to collect arrears from forgetful members.

Meetings were held regularly, with a slight increase in attendances. We express our thanks to the speakers, whether guests or our own members, for making substantial contributions to their success. On one occasion we were able to listen to a visitor who was introduced to us at short notice: if any member knows of a visitor who can give us a talk such as this the Committee is always pleased to know so that, if possible, the Talks programme can be amended to take advantage of the opportunity.

Field Outings followed the usual pattern and were varied in their scope. Some were held on Sunday instead of Saturday and were well attended. The Committee would welcome comments from members as to their preferences in this regard so that as many as possible are able to attend. Maybe it would be best to have an even spread. Again, our thanks go to the leaders of these outings and to those who have provided transport. Easter Camp was held at Lake St. Clair and we were favoured with ideal weather. There was a good attendance of members and useful observations were made, notes of which were published in the "Tas. Naturalist".

"Tas. Naturalist". Our thanks go to David Thomas who has continued his good work in maintaining a high standard in our quarterly magazine. His editorial in the last issue, drawing attention to the preponderance of ornithological material submitted to him for publication and the problem of obtaining notes on other branches of natural history highlights the need for more participation from members. I believe that many consider they have insufficient scientific knowledge to contribute, but this isn't

the only thing needed - interesting observations are always welcomed, either with or without a lot of scientific terms. Even the simplest observations may lead others with greater resources to enlarge on what you have started.

Library. David Ziegeler has kept our library in good order but it is disappointing that it is not used by members to a greater extent. David has found it necessary to give up this duty and we must find another librarian, but we must thank him for his efforts. We hope it may be possible to display our books to greater advantage and so encourage greater use of them.

Precipitous Bluff. After the close of our activities for 1972 a Mining Court supported objections by the S.W. Committee and The Tas. Conservation Trust against the grant of an exploration licence in this area.

Your Committee has decided to contribute towards the costs of legal representation for these bodies in Court.

Name Badges. It is found that many members do not wear their badges at meetings and return them to the box afterwards and your Committee would be pleased to have your views on this practice. Would you prefer to retain your badges permanently and bring them to meetings instead of collecting them from the box each evening?

Appreciation. I must acknowledge with thanks the co-operation afforded me by all members of the Committee during 1972, with a special mention for our Secretary, Miss Westbrook, whose work and enthusiasm has contributed so much. To all our members, thank you for your encouragement which I am sure will be extended to my successor. I have appreciated the opportunity I have had to serve as your President for the past two years.

L. E. Wall

Queen's Domain. At the recent Committee Meeting it was agreed to support in principle the City Council's plan for the Domain, providing for the northern section to be kept as natural parkland.

Society for Growing Australian Plants

This Society has decided to start collecting plant material with the idea of having its own herbarium. As well as this they hope to gather information from all over the State so that they may record the location of plants, flowering time, when seeds are ripe etc.

They would be very pleased to receive information re sighting of plants (especially the more rare varieties), and, if possible, their flowering times.

This information could be sent to

Mrs. M. F. Allan,
President,
S.G.A.P., Tasmanian Region
73A, Mt. Stuart Road.
North Hobart. 7000

(Mrs. Allan has recently become a member of T.F.N.C. and you might see her at our meetings.)

Pollution's Effect on Bird Migration (The Orchid Dec. 72)
A report from Tokyo states that many species of birds have stopped their seasonal migration to Japan because of pollution and the destruction of their natural habitat. Of 424 species of birds in Japan, 76% are migratory, but a survey by a government agency shows an alarming decline in their numbers; as an example, in 1971 only one-tenth the number of wild geese migrated to Japan as recorded in 1953.

BULLETIN

No. 173.

April 1973

Registered at G.P.O. Hobart, for transmission by post as a periodical, Category B.
Club's address is G.P.O. Box 68A, Hobart, 7001

Notice of Meeting.

The next meeting will be on Thursday, April 19th at 7.45.p.m.

As this is the night before the Easter Holidays, it was decided not to ask a Speaker, but to have an evening of Nature Films, introduced by the new President, Mr. A. M. Hewer.

Owing to the Easter Camp, there will be no outing following the meeting.

Library

Our Librarian is now Mrs. M. McDonald.

Donations towards "Insects of the World" have reached \$8-00. This will be banked, and when the donations amount to \$15-00 the book will be bought.

Remember that books can be borrowed from one month to the next. There could be a little time available before the meetings, and usually there is plenty of time after the meetings, to choose your book and have your name recorded in the Borrowers' Book.

Notes from Committee Meetings:-

We will try to have an even distribution between Saturdays and Sundays, for Outings, depending on the preference of the Leader.

The post of Assistant Secretary is not yet filled. Nominations are requested at the next meeting.

The new Committee met on 26th March. The following persons were appointed by the Committee to fill the vacancies left by the Annual Meeting:-

Treasurer - Miss D. Wise.

Committee Members - Mrs. McDonald and Mr. Bradford.

Vice-President - Mr. Van Munster confirmed.

Membership -

We welcome as new members
Mr. and Mrs. Cretan, 34 Cornwall St. Lindisfarne.
Mr. J.G.K. Harris, 206 Nelson Rd. Mount Nelson.

1973

President - Mr. A.M.Hewer

Vice Presidents -

Mr. K. Aves; Mr. G. Van Munster

Secretary - Miss M.L.Westbrook

Assistant Secretary - Vacant

Treasurer - Miss D. Wise

Committee Members -

L.E.Wall; M. Hurburgh; D.G.Thomas;
F. King; N. Bradford; Mrs. McDonald.

Librarian -

Mrs. McDonald.

Editor, Tasmanian Naturalist -

D.G.Thomas

Auditor -

Miss R. Warren

Delegate, South West Committee - Vacant

Delegates, Federation of Field Naturalists' Clubs -
Vacant.

Last year's delegate, M.L.Westbrook, and the
President, attended the Federation's Annual
Meeting in Launceston in March.

Publicity -

Vacant.

Federation of Field Naturalists' Clubs of Tasmania

Following the Annual Meeting, the 'Secretariat' has
now gone to the North-West. The President is Miss Ann
Stocks, and the Secretary, Mrs. Rees.

The next meeting will be in Devonport about 22/9/73.

EASTERCAMP

As arrangements for a suitable site were left so
late this time, most of our members have already made
their holiday arrangements.

However, there are nine 'starters' to date.
Site - Dorloff's Caravan Park at Adventure Bay, Bruni.I.
There will be one 'van' (four people) and three tents
(five people). Late applications acceptable.

As there will be no bus from the ferry on Good
Friday, we are lucky to have enough cars to cope.
Any other starters will need their own transport!
... 30 cents a night, and a kiosk has 'everything'!

SUBSCRIPTIONS

It is pleasing to see that 35 members have already
paid their subscriptions for 1973.

If yours is NOT one of them we hope to receive it
in the near future. Family - \$4-00
Single - \$3-00
Junior - \$1-50.

Treasurer, Miss D. Wise, G.P.O. Box 68A, Hobart, 7001

(We have 84 on our list at present. Some of these
have not paid for 1972. If you are thinking of
leaving our ranks it would be a help to the treasurer
if you would send in a little note of resignation.
Some of these are 'family subs' so our membership is
really a little higher than this.)

Members will be interested to note that the Club is listed in Walch's Red Book....

....also that the Bulletin's Address List includes the Adult Education Board.

Now is the time to look up the Courses available for the winter term.

Enrolments are being received at the Enrolment Office in Murray Street, near Hadley's.

Why not get their Brochure and thumb it through! There could just be a Course where subject, hours and venue would just suit YOU.

The Tasmanian Conservation Trust is now receiving subscriptions for 1973-4. Ordinary member \$4, Family member \$5, Student \$2, Life Member \$100, Pensioner \$2, and double pensioners' \$3.

Their Circular covers the activities of groups all over the State - most informative reading on all the items covered, and plans in hand and for the future.

The Trust's address is

Box 684G, G.P.O. Hobart, 7001.

RURAL FIRES BOARD

The Rural Fires Board is responsible for the whole of Tasmania excluding areas covered by the Urban Fire Brigades.

These areas include the remote and rugged portions of the State in which conservationists are most interested.

ENSURE THAT YOU KNOW THE RURAL FIRES REQUIREMENTS IN THE USE OF MATCHES, CIGARETTES, CAMP FIRES AND FIRE PROTECTION IN THESE AREAS.

BULLETIN

No. 174.

May, 1973.

Registered at G.P.O. Hobart, for transmission by post as a periodical, Category B.
Club's Address - G.P.O. Box 68A, Hobart, 7001.

NOTICE OF MEETING

The next meeting will be on Thursday, May 17th at 7.45.p.m., in the Royal Society Room, Tasmanian Museum.

SPEAKER

The President, Mr. A. Hewer.

SUBJECT

"Frogs and Lizards".

To most of us, these small 'animals' are just "frogs" or "lizards", but how may we tell the difference between one frog and another - or say which species of lizard we have just seen?

Who can identify a frog by its croak?

Which lizards do not shake off their tail and grow a new one?

Why is a frog so cold and clammy to touch?

Does a lizard 'talk' to his friends?

Are there any biological connections between frogs and lizards?

Come along and ask our "Lizard Wizard".

OUTING

Meet by the Prince Theatre on Saturday, May 19th, at 10.a.m.

Mr. Hewer will be the leader, and more details will be available at the meeting.

LIBRARY

Mrs. McDonald will be opening the Club Library about 7.30. in case anyone would like to choose a book before the meeting. Books may be borrowed from one meeting to the next.

Look them over to see if there is one on YOUR particular interest. Any suggestions for additions will be welcomed.

THE CLUB LIBRARY

Libraries such as ours have a dual purpose.

- A. To provide safe keeping for records and papers of the Club, and any historical items which might be of historical interest.
- B. To provide interesting reading on Natural History, and reference books which will help members to increase their knowledge and heighten their enthusiasm.

EASTER CAMP - 1973.

Perhaps it was a GOOD THING that there were only ten campers this time, for we all know the dire efforts of the Weather Man over these Easter Holidays!

But campers - as a race - are pretty good at making do with all sorts of conditions and this group was no exception.

Misses Mosey, Wolfe and Brown slept in a Van, and Misses Westbrook, Warren and Holt in the Recreation Room. Mr. and Mrs. Sheppard from Queenstown coped with sleeping in their hike tent and Mr. Marshall and Simon not only slept in their hike tent, but did all their cooking on a dear little fire by their front door.

The rest of us cooked on a big open fire in the Recreation Room.

Although it was too wet to push through bush, we managed to get out and about - some to Fluted Cape, some to Adventure Bay and round the roads. On Sunday we packed a lunch, boarded our three cars, and took off for Cloudy Bay - then right up to Dennes Point, getting back about five, after a most interesting day.

Monday was finer. All was packed up, and each car-load went its own way before catching the Ferry for home.

Thanks are due to Mr. Dorloff who made the Recreation Room available to us - and for the unlimited supply of dry logs which made our cooking so easy, dried our clothes, and kept us warm and cheerful.

EASTER CAMPS - IN GENERAL

1. We are hoping to begin making plans for the Camp, 1974, within the next two months.

Club members can give positive and practical help in this by

- a) not only suggesting Camp Sites, but giving information as to the Owners, transport facilities, water supply, special features of interest to Field Nats, etc., etc..
- b) Finding knowledgable people willing to lead campers' observations in certain directions, depending on the campsite possibilities. Suggested items - Beach and Rock life, Bird Observing, Insects, Water-life, Orchids, Galls, Geology, Eucalypts, Lichens and Mosses, Fungi, Acacias, Methods of collecting, etc.

2.

Should Field Nat Camps have a definite aim for THAT camp, or should we all just GO, and look at and appreciate everything we happen to come across?

How can we combine the interests of both the amateur, and the professional so as to make the camp worthwhile for both types of Naturalist?

If you have any definite ideas on what a

Field Nat Camp should be, (or should NOT be),

a letter embodying these ideas would be received

with great interest..... by....

M.L.WESTBROOK

NATUREAMA 1973

On Friday and Saturday, June 8th and 9th, the Launceston Field Naturalists' Club brought to Hobart a fine slide show, with commentary, featuring Nature in Tasmania.

Flowers, trees, birds, frogs, lizards, insects, spiders, animals, marine life - they were all there. Added to this was a comprehensive collection of views from all parts of Tasmania, including coastal scenes, Lake Pedder (as it was), the South West, and Precipitous Bluff (will this be our next loss? or gain?).

It ended with an appeal to one and all to work for the conservation of our many beautiful and unique areas.

"It is later than you think - and Time is not on our side".

Thankyou, Mr. Simmons, for a most enjoyable show.

OUTING → May 19th, 1973.

Leader, Mr. Hewer.

Four carloads of Field Nats left the Prince at 10.a.m. bound for Primrose Sands and Carlton.

At Primrose Sands our chief interest was in swamps, where several frogs were found, and old chrysalises on gahnia plants. We then proceeded to Carlton where we parked by the road not very far from "The Island". After lunch we picked our way across rather swampy land in order to investigate various old logs up on the hillside. By turning these over, a variety of 'wogs' were found. Spiders found included the "tailed spider" which was found by a curled leaf in its web, near its

eggsac. There were several patches of Mosquito Orchids, (*Acianthus exertus*), some of which were in flower. One lizard found was the metallic skink.

Our trek concluded with a walk round the island. On the sands by the lagoon were a few dozen dotterels - redheads and banded. We saw also a number of pied oyster-catchers, Yellow Wattle Birds, Green Rosellas, a robin, and White-faced Heron. The day was cloudy, with a cool wind, and a little rain, but our lunchspot was quite sheltered by some banksia trees, and now and again the sun shone through. Thankyou Mr. Hewer for a good outing.

No. 175.

June, 1973.

Registered at G.P.O. Hobart, for transmission by post as a periodical, Category B.
Club's Address - G.P.O. Box 68A, Hobart, 7001.

NOTICE OF MEETING

The next meeting will be on Thursday, June 21st,
at 7.45.p.m.

in the Royal Society Room, Tasmanian Museum.

SPEAKER

Dr. E. Guiler.

SUBJECT

"Whales, Dolphins and Things".

OUTING

Leader - Mr. L.E.Wall

Object - to look for the tree *Senecio* (*Senecio centropappus* F.Muell. - *Centropappus Brunonis* Hook.f.)

This is a Tasmanian endemic, and has been listed as occurring on Mt. Wellington, and Mount Dromedary. We think it has been seen on Mt. Faulkner so this is where we will go.

It has been listed in "The Endemic Flora of Tasmania" Part II as No. XXXVII - *Senecio Brunonis* (Hook.f.) J.H. Willis.

(an example of how names change as our classification becomes more precise)

It is featured on the Jacket of that Part.

Meet - By the Prince Theatre at 10.a.m.

Date - (Note) SUNDAY June 24th.

LIBRARY

The Treasurer will buy "Insects of the World" and with consultation with the Librarian, will spend any donation money left over on some other book of reference needed by the Club.

PEREGRINE FALCONS

The Bird Observers Association of Tasmania would like to gather all available information on these falcons. Would any member who sees any Peregrines Please let Mr. Wall know?

SUBSCRIPTIONS FOR 1973

Some members have not renewed their subscriptions for 1973 - and our year is half over! This could easily be a slip of the memory, for all members having the interest of the Club at heart would gladly pay up!

If we have no record of your 1973 sub there will be a cross here.

.....

... and the treasurer would be glad to receive your remittance...

G.P.O. Box 68A, Hobart, 7001

Single - \$3.00 Family - \$4.00 Junior - \$1.50

NOTES FROM COMMITTEE MEETING June 6th.

It was decided to register, as a Conservation Body, with the Tasmanian Environment Centre, and to make them a Club donation of \$5.00 towards their expenses. We will then receive any notices from the National Environment Council.

Editor of the Tasmanian Naturalist would be pleased to receive articles on subjects other than birds.

It is proposed to hold the 1974 Easter Camp at Maria Island. The President will make early reservation of a building for shelter and is sure he can arrange transport of our 'heavy' gear from the wharf to the campsite.

The Club will buy some box files to house the various newsletters from Tasmanian Field Naturalists' Clubs, so that these will be easily available to members. These newsletters, besides giving notices of their Club's activities, contain much valuable information of various localities.

NEW MEMBERS - welcome to Mr. Holderness-Roddam and to Mrs. Gurney

Items culled from other Newsletters.

From Devonport's Nats News-

Cure for Starlings.

Township of Dubbo, N.S.W., had been troubled by flocks of starlings perching on and nesting around the Town Hall. All efforts to remove them failed: the Fire Brigade was called in to 'hose them down' which scared them off temporarily. They returned and settled in again, that is, until Anzac Day - when the Highland Band marched in to take part in the ceremonies, and the bagpipes wailed out "The Lament" - the Starlings rose in one black mass, took to the air, and haven't been seen since! (Apologia to any Scottish Readers).

... Teacher - What are the seasons of theyear?
Bright small child - Miss!- Wattle Bird, Duck,
Kangaroo, Possum.....

From 'Langana' (L.W.C.)

FIRST ROCK BOWLERS

Nowadays with A.P.F.M. Forest roads and fire breaks it takes just a little over half an hour to climb St. Valentines Peak, but not so 146 years ago when Henry Hellyer climbed the Peak on St. Valentines Day, 1827.

The following is an extract from Hellyer's report reprinted in facsimile edition of James Bischoff's "History of Van Diemen's Land".

"The morning of the 15th (Feb 1827) was fortunately very clear and serene: there was not a cloud to be seen. We again, toiled up the mountain with our loads, not knowing which way it would be most desirable to go on. After getting to the top, we were several hours struggling through thick scrub and wireweed, and climbing over immense masses of rock: the scrub was dripping wet from the heavy rain which had fallen in the night. We at length arrived upon the very highest point, 3000 feet above sea level. I found the stump of a withered box tree and cut upon it "St. Valentine's Peak", the date of my ascent etc., which I drove into the cleft of the rocks at the top with its roots in the air. The men rolled off some huge blocks of rock, which in their fall appeared to smoke, from the splinters which flew off, as they struck and rebounded from one massive projection down to another".

MARIA ISLAND

Situated off the East Coast of Tasmania near Orford, Maria Island was discovered and named by Abel Tasman in 1642. Separated from the mainland by a channel varying in width from four to eight miles, its appearance is striking and picturesque. Lofty mountains end on the east side in steep cliffs poised dramatically over the water, and slope on the west to sandy beaches. The whole affords a variety and diversity of scenery.

The Island originally found favour with the Aborigines for its food and canoe-materials. European explorers made contact with these natives on the island as early as 1770. During the early 1800's the Island was extensively explored, and much was learned of the natives from these visits.

In 1825, under direction of Governor Arthur the northern tip of Maria Island was chosen as an alternative to the already overcrowded convict settlement at Macquarie Harbour. Lieut. Peter Murdoch was sent with a detachment of guards and fifty convicts to form a settlement at Darlington. The Commissariat Store, which was built in this year, still stands by the water's edge. This stone building is the oldest on the Island. The only other remaining building of this era is the penitentiary, which housed approximately 300 convicts. The jetty, it is thought, was also constructed in this period.

The hours were long and tedious for the men, who produced a large quantity of a wide variety of goods. Many small industries were established, and large areas of land were cultivated. Escapes were numerous, the convicts building canoes similar to those constructed by the aborigines.

(More information to come- M.L.W.)

For Record.

No. 176

July, 1973.

Registered at G.P.O. Hobart, for transmission by post as a periodical, Category B.
Club's Address - G.P.O. Box 68A, Hobart, 7001.

NOTICE OF MEETING

The next meeting will be held on Thursday, July 19th, at 7.45.p.m.

SPEAKER

Mr. C. P. Gabel, State Fire Control Officer.

SUBJECT

The Needs, Aims and Implementation of hazard reduction in Tasmania.
The address will be supported by many colour slides, and questions will be invited at the conclusion of his talk.

OUTING

Date: Saturday, July 21st.
Meet: at Myers, Liverpool Street, to catch the 10.a.m. Warrane Bus, getting off at the Roundabout, Cambridge Rd.
Destination: the Quarry Area.
Leader: M.L. Westbrook.

This is expected to be an easy, pottery type of outing (if the weather is kind to us). If each person brings a bottle of water we could boil the billy and cook a chop.(etc).
..See the wonderful patches of 'Trim Greenhood' orchids.(*Pterostylis concinna*); 'Earth Stars'; Hear (and perhaps see) Green Rosellas, Goldfinches, Thornbills, yellowtipped pardalote, whistlers, fantails, and others.
..find bright yellow fungi in the bush and lichens on the quarry rocks....

This area is a 'Reserve' so no plant material or soil must be taken away.

LIBRARY

We now own "Insects of the World" and it has already been borrowed by one of our members.

SUBSCRIPTIONS FOR 1973

After having put "reminders" on many of last month's "BULLETINS", we have been pleased to receive quite a number of outstanding subscriptions.

However, not all have responded.

If you are still hovering on the brink, may I urge you to write yourself a reminder note in your shopping list, or its equivalent, and get your cheque, postal note, or change ready for our next meeting.... and if you don't expect to be there, post your sub to

The Treasurer,
G.P.O. Box 68A
Hobart. 7001

without delay so that we can report their receipt to the next Committee Meeting.

THANKYOU!

SPECIAL NOTICE FOR MEMBERS OF THE COMMITTEE:-

The next Committee Meeting was to be held on August 22nd. However, as I will be out of the State on that date it is now proposed to hold the meeting on Wednesday, August 8th - 8.p.m. 6 Richardson Ave.

If any of you can not come that date, will you please let me know?

M.L.WESTBROOK.

The Whales. talk

After our most interesting and informative talk on whales last meeting by Dr. Guiler, you will be sorry to hear that the International Whaling Commission has turned down the proposed ten-year moratorium on the hunting of whales. However we were pleased to see that the moratorium was supported this time by Australia.

(Last time Australia abstained from voting.)

LAST OUTING

After having been warned that the outing to Mt. Faulkner could involve some "scrub-bashing", seven hardy males and three (hardy?) females turned up. The day was not kind. to say the least!

However the trip was ON - and we were all dressed for the occasion. The wind was cold, the rain came occasionally, also snowflakes - but you will be pleased to hear that the Senecio brunonus was found on the slopes of the mountain, fairly high up - so now we know three places where it grows:-

Mt. Wellington, Mt. Dromedary and Mt. Faulkner. This tree Senecio is endemic to Tasmania.

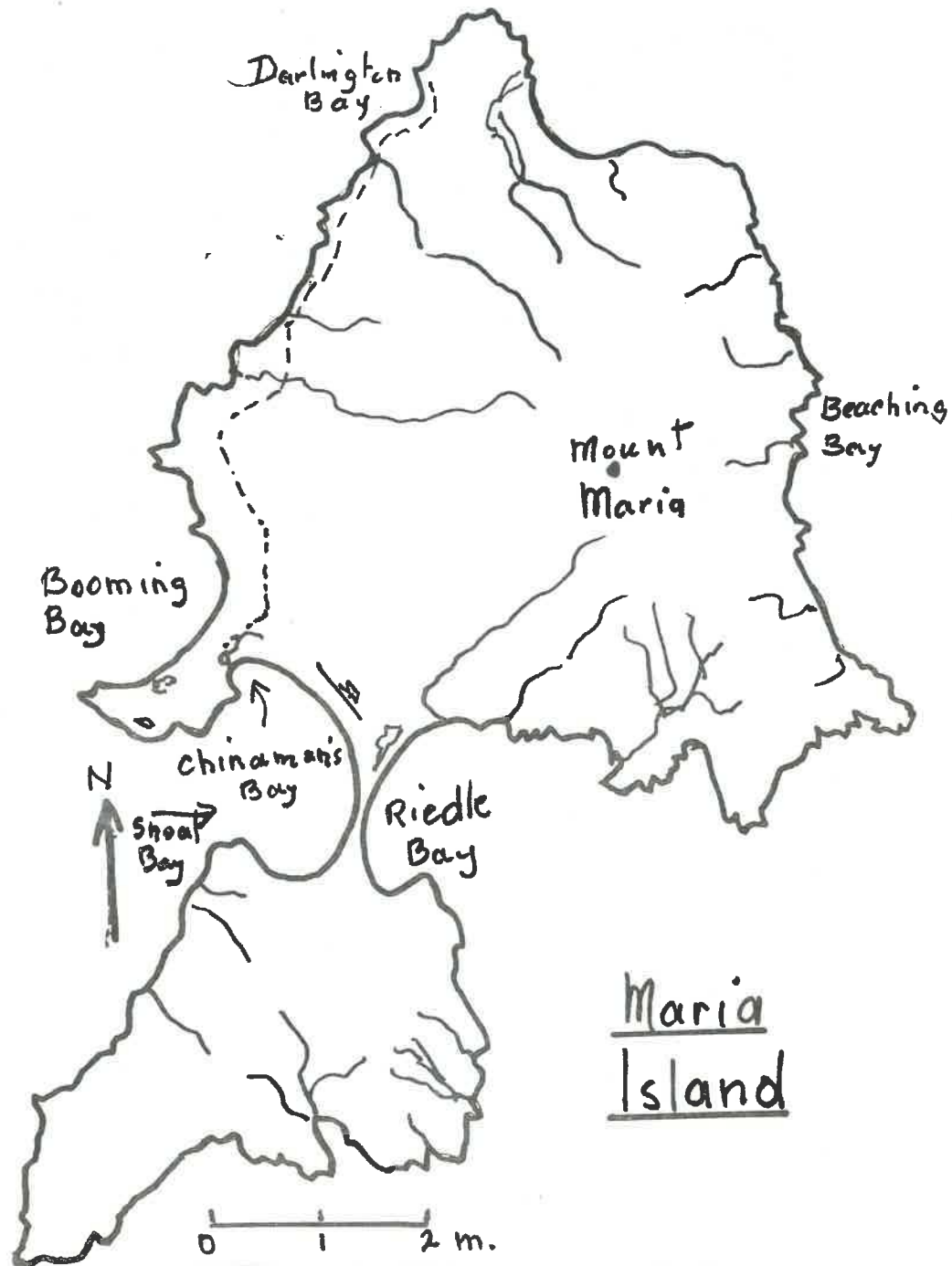
GEELONG FIELD NATURALISTS CLUB

One of their news-sheets came to our hands the other day. They were planning a trip - private cars and one bus, if bookings were made. Interesting to see their fares... Adult members, \$3. Adult non-members, \$4. Junior members, 50c, Junior non-members \$1.00 ... this trip was expected to be about 164 miles in all. They divided their trip into four stages - with the mileage for each stage, and the things that they would expect to see in each area.

They, too, have their conservation matters:- Destruction and burning of riverside vegetation; information on areas of dwarf Melaleuca so that they should not be disturbed unnecessarily; part of a National Park burned out;

W.V.F.N.C.A... Sixteen Clubs represented at a meeting at Geelong. 35 cars visited the Ocean Grove Nature Reserve. On Saturday night, after delegates' meeting, the Conference was opened - There is now a State-wide body of Field Naturalists Clubs. And there was an excursion on the Sunday to Pt. Addis.

We, in Tasmania, have found our own Federation a useful body so we hope that the Victorian body will prove to be a strong force in the conservation area.



August 1973

No. 177

Registered at G.P.O. Hobart, for transmission by post
as a periodical, Category B.
Club's Address - G.P.O. Box 68A, Hobart, 7001

NOTICE OF MEETING

The next meeting will be held on Thursday,
August 16th, at 7.45.p.m.

THIS WILL BE A NATURE FILM EVENING.

The films include "The Peace Game" - an excellent
film on African Wild Life.

OUTING

Date - Saturday August 18th.
Time - meet at 10.a.m.
Place - at the Prince Theatre.
Destination - will be given at the meeting.

"TASMANIAN NATURALIST"

The next issue will be larger than usual, as it
will include a special review of the ecology
of Lake Edgar.
You can look forward to receiving it with your
SEPTEMBER BULLETIN.

COMMITTEE MEETING

Next meeting of the Committee will be held at
6 Richardson Ave, Dynnyrne, at 8.p.m. on
WEDNESDAY, AUGUST 8th.

If there is anything you think should be
discussed by the Committee, ask one of the
committee members to bring it up.

WHALES

Although the International Whaling Commission
turned down the proposed moratorium on the
hunting of whales, there are other safeguards.
Australia will sign the Convention on International
Trade in Endangered Species of Wild Fauna and
Flora. Five species of whale have been placed
on Appendix 1. of the Convention.

Coming Events

Thursday September 20th will be MEMBERS' NIGHT.

The time will be divided between three members, so back them up by rolling up to hear what they have to say.

Sunday, September 23rd.

This Outing will be worth looking forward to. We have been invited to visit Mr. and Mrs. Luckman's property near Sorell.

So put this Special Day in your diary now!

Remember the BUS OUTING in November.

FEDERATION

The half-yearly meeting will be held at DEVONPORT on Saturday September 22nd at 1.p.m. at the Devonport High School, Best Street.

§*****

Have you ever roamed the bush at "Ellendale"? This is on the programme for OCTOBER OUTING

LIBRARY NOTES

Received - Notornis - Vol 30 part 2. June 1973
Journal of the Ornithological Society of N.Z.
...Contains Annual General Meeting 1973, Reports and Accounts; Interesting notes on the tongues of kiwis, and of five sea birds; two articles on oystercatchers; (no - three); as well as many other bird notes. It reviews four records of sounds of nature (mostly birds).

This book may be borrowed from the Library.

From NEN - (North Eastern Naturalists)

Their August meeting will be a short formal meeting first, then a general Club night when members can bring plants forward for discussion or identification, talk about any subject, discuss books on any of the aspects of nature, and so on... usual tea or coffee and biscuits etc to conclude.

... and to add to the social side they propose to end one of their Outings with a Barbecue

and for their September meeting they are hoping to have Mr. Norton Harvey from Launceston Walking Club to show films or slides of many areas of Tasmania, including Flinders Island.

From Nats News (Devonport Field Naturalists' Club)

At their next meeting they are going to hear a member of the North West Walking Club give a short talk on "Safety in the Bush", after which they will be entertained by a slide show. N.W.W.C. slides could cover anything from Mountaineering, Caverning, Search & Rescue operations to Canoeing or Skiing, so they look forward to a very satisfying evening.

Their Outing is to Fossil Bluff, and to the Pioneer Village Museum at Burnie.

On June 10th they combined with Circular Head Conservation Trust, Burnie Field Nats, and T.W. Conservation Trust members for an outing to the Arthur River - a bus tour. En Route they were joined by Forestry Officer Mr Peter Duckworth who acted as guide and explained the work of the Forestry Commission in timber resource exploitation and regeneration.

They saw many types of country - dairy farms, with belts of trees, buttongrass plains, rain forest, rocks for geologist members, crushed slate roads, ... (lunched on the bank of the Arthur River by the bridge) - areas where seeding with native species had been carried out. They were sad to think of the possibility of lovely rainforest areas being devastated by river dredging for tin.....

FALCONRY

Seeing that there has been an application recently for a falconry licence in Tasmania, the following could be of interest:-

Adapted from The PROTHONOTARY published by the Buffalo Ornithological Society, New York and reprinted from the Conservation Bulletin, April 16thm 1973.....

A bill to allow falconry in New York State has been introduced in the New York Legislature. The bill, has been referred to the Senate Committee on Conservation and Recreation.

The bill would amend the environmental conservation law to allow hunting of small game animals and wild upland game birds with raptors. (Birds living upon prey). Peregrine Falcons, Golden Eagles and Bald Eagles would be excluded.

A falconry advisory board of five would be appointed by the Commissioner of the Department of Environmental Education. This board would recommend qualifications for the eligibility of applicants for falconry licences and recommend action to be taken on each application, recommend the species and numbers of raptors that could be possessed or taken from the wild and the manner of taking, and recommend falconry hunting seasons. The fee for a falconry licence would be ten dollars.

From "The Orchid".

HIGHWAY WILDLIFE (From Niagra Falls Nature Club Bulletin)

Britain's 500,000 acres of highway verges are to be classified as NATURE RESERVES in a move by the Department of the Environment. Local authorities have been told to stop cutting the verges to ALLOW ANIMALS & FLOWERS A NATURAL ENVIRONMENT. Currently 600 species of wild flowers and numerous species of birds and animals are known to thrive on highway verges.

No. 178.

September 1973

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Club's Address - G.P.O. Box 68A, Hobart, 7001

NOTICE OF MEETING

The next meeting will be held in the Royal Society Room, Tasmanian Museum, on Thursday Sep. 20th at 7.45.p.m.

THIS WILL BE A "Members' Night".

- (a) Mrs. C.A.Allan
Subject- Society for Growing Australian Plants.
- (b) Mrs. L. Luckman
Subject- Middens at Sorell.
- (c) Mr. J.G.K.Harris
Subject- English Orchids.

NEXT OUTING

We have been invited to visit Mr. and Mrs. Leo Luckman's property at Sorell.

Meet - at Prince Theatre
Date - SUNDAY - September 23rd.
Time - at 10.a.m.

LIBRARY

When adding books to the Library, should we buy large, expensive, but very informative books, with good, technical subject matter and fine illustrations -- or -- should we buy a number of small books on several subjects so that they can be borrowed by members and taken into the field to aid in identification?

WHAT DO YOU THINK???????????????

COMMITTEE NOTES

As plans for Natureama 1973 were started very late, it was decided to recommend to the 1975 incoming committee that they form an ad hoc committee in March to organise publicity and other matters for Natureama 1975.

Programme matters for the rest of the year were finalised.

Easter Camp, 1974 - Maria Island.

- (a) Mr. Hewer has booked an old house with five rooms.
- (b) Luggage can be transported from wharf to house.
- (c) It is hoped to include in October Bulletin the probable costs of the camp and other details (so that members can plan well ahead for NEXT EASTER!)

Circular Folding Night for September Bulletin.

This will be held at Mr. Aves' Home on Monday September 6th. Several committee members have volunteered for this job which will be larger than usual with a 24 page Tasmanian Naturalist to be included.

The November Bus Outing...

It was decided to ask Miss F.E. Warren if she would be the organiser again.

In order to make sure of getting a bus - and one of the required size, members intending to come are asked to book in good time - with their fare - this seems to be the most satisfactory way of knowing how many passengers to expect.

... and in case of a rush (I) bookings will be made in the order of receipt of fares!

SPECIAL ARRANGEMENTS FOR NOVEMBER

The meeting might will be changed from the third Thursday to the fourth Thursday and the Outing will be on November 24th, leaving the Prince Theatre at 9.30.a.m.

The Speaker at the meeting will be Mr. Ken Felton who will discuss the trees we are likely to see when he leads the outing, which will be to forestry areas near Waterfall Bay at Eagle Hawk Neck.

Miss F.E. Warren is in charge of the arrangements again. Her address is Flat 75, Block 8, 131 Hill St, and home telephone is 34 6740, before 9.30.p.m. please.

Forms and fare could be posted, or could be left at Dr. David Waterworth's surgery, 59 Davey Street, or handed in at the October meeting.

T.F.N.C. BUS OUTING

November 24th, 1973.

Meet opp. Prince Theatre ready to leave at 9.30.a.m.

Intending passengers please send this form, with fare (\$2.50) to Miss F.E. Warren, on or before Oct. 18th.

Enclosed please find \$ _____ being for the following people:-

Junior members no charge.

The following Juniors:-

Signed _____ Address _____

BULLETIN

October 1973

No. 179
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POISON HAVOC IN BIRD PARK - 50,000 killed....

from Madrid - Man-made disaster has struck one of the world's great bird sanctuaries, Coto Donana, in Spain.

Indiscriminate use of a prohibited pesticide in rice paddies adjoining the wildlife preserve is responsible.

Thousands more are doomed, because the seasonal migration of birds from northern and central Europe to the marshlands will soon begin.

At Coto Donana, nearly 90% of the spoonbill population is dead. Rare species of wildlife are threatened, among them the Spanish imperial eagle, the carrion-eating bearded vulture, and the spotted lynx. Bodies of ducks, coots, storks, plovers were found in large numbers. Analysis showed high incidence of chlorate poisoning.

T.F.N.C. BUS OUTING Nov. 24th, 9.30.a.m.

Meet opp. Prince Theatre ready to LEAVE at 9.30.a.m.

Intending passengers please send this form, with fare,

(\$2.50) to Miss F.E. Warren

G.P.O. Box 68A, Hobart, 7001

or leave it at 59 Davey St. or give to the Secretary

at the meeting, Oct. 18th.

Enclosed please find \$ _____ being for the following people:-

Junior members - no charge.

The following Juniors:-

Signed _____

Address _____

NOTICE OF MEETING

The next meeting will be held in the Royal Society Room, Tasmanian Museum, on Thursday, Oct. 18th at 7.45.p.m.

SPEAKER

Mr. Noel Kemp, Curator of Geology,
Tasmanian Museum.

SUBJECT

Travelling Through India.

NEXT OUTING

SUNDAY, October 21st.

Meet at Prince Theatre to leave at 10.a.m.

We have been invited to meet Mr. and Mrs.

A.B. Brownell at ELLENDALE.

Their property runs back into a lovely bush valley and hillsides in which are the homes of many of our favourite bush birds, and some of the flora should be at its best. One of the Eucalypts is

E. delegantensis

which grows at altitudes between 1000 and 3500 ft.

NOVEMBER MEETING

will be the fourth Thursday, the 22nd and the Bus Outing will be on Saturday November 24th, leaving Prince Theatre at 9.30.a.m.

If you have not yet booked a place please fill in the form on the back of this Bulletin and hand it to Miss Warren on or before October 18th, together with your fare.

"ODD BIRD" Item

From "The Advertiser" (Adelaide) Wed. Sep. 12th.
Two birds crashlanded on Adelaide beaches in the weekend - both are way off course from their Antarctic home. One was a big Fulmar and the other a little Kerguelan, (a kind of petrel). Beachwalkers brought them to the RSPCA and they are being cared for with a diet of fresh oysters and whitebait.
(Picture will be on the table at next meeting)

FIRE FIGHTING IN REMOTE AREAS

The Rural Fires Board held a meeting on 11th September for further discussion on the formation of Rural Fire Brigades within various Clubs and Organisations.

Mr. R. Shepherd attended and says the Board is planning to hold some training sessions for Volunteers and that individuals from Clubs will combine to make units of the required size.

We have two volunteers, so far, from this Club - Mr. Shepherd, and Miss D. Wise. If any other members care to volunteer for this important job, they would be most welcome.

EXHIBITION

From 23 October to 11 November, the Tasmanian Museum will be holding an exhibition on

TASMANIAN WILD FLOWERS

This will consist of original drawings by Margaret Stones prepared for the

"Endemic Flora of Tasmania" (provided by courtesy of the Honourable Rose Talbot and the Queen Victoria Museum), together with other drawings by Louisa Meredith (1812-1895)

This exhibition will be of great interest to many members of our Club.

S.G.A.P

The Society for Growing Australian Plants, Tasmanian Region, is holding a wildflower display at the A.M.P. from Sep 27th to Oct 10th.

There will be flowers from each State in turn, and Tasmania all the time, together with suggestions for the growing of Australian Plants in our gardens.

EASTER CAMP

1974

MARIA ISLAND

Some items of cost to be considered.

Tasmanian Coach Lines to Triabunna - no suitable bus (regular) would be available up on Good Friday, or back on Easter Tuesday.

A Special could be chartered for \$50 each way. If 20 people used this it would cost \$5 return - plus the cost of the boat trip between Triabunna and the Island.

However, it is hoped the airstrip will be in use by Easter! Then planes could be chartered from Tasair. This could cost about \$12 each, return.

Travelling time between Hobart and Triabunna is 2½ hrs and the boat probably would take 1½ hrs.

Flying time from Cambridge could be about 15 minutes.

Would intending campers think this over and discuss their opinions with any members of the committee who will probably meet towards the end of October.

November Bus Outing Form Overleaf

BULLETIN

Around the Clubs

Nats News, Devonport.

Contains the first part of an article on a visit to Albatross Island for Bird-banding by two members of R.A.O.U. and a Devonport Field Nat. in January.

The day after the Federation meeting, there was an Outing to Lefroy. They had 38 adults and 8 youngsters and included four from Burnie and 2 from Launceston.

Instead of their usual October Outing, members who wished to, could go to the Plant Identification Seminar being held at Deloraine by Professor Jackson. There was a Slide evening on the Friday, and on Saturday there was an outing to Pine Lake.

North-Eastern Naturalists have had a number of other Naturalist visitors to their area.

Our Field Naturalist friends in the North of the State are to be commended on the way they work in with each other and visit each other's areas. This helps to prevent each Club from being an isolated group and must help to foster enthusiasm by contact with other enthusiastic Field Nats, to say nothing of the help they can be to each other in the matter of identification.

There are some very interesting Nature Notes in "The Orchid" (Peterborough Club - Ontario). They arranged a Canoe Trip - easy paddle, about 5-7 miles, including a marsh with Osprey, Heron, and a wide variety of water plants.

They keep a list of 'wolf' sightings. Wolves are a nuisance to farmers, but interesting to Naturalists! ... and there are some personal diary extracts which show close observations of bird and animal life.

Fossils.

At the British Natural History Museum, London, scientists are slowly dissolving chunks of limestone to reveal some of Australia's rich fossil secrets. These are fish fossils taken from the remote GO GO cattle station at Fitzroy Trough about 250 miles south of Derby, W.A. material

Australian scientists, too, are working on from the same area.

No. 180.

November, 1973.

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Club's Address - G.P.O. Box 68A, Hobart, 7001.

NOTICE OF MEETING

The next meeting will be held in the Royal Society Room, Tasmanian Museum, on Thursday, Nov. 22nd, at 7.45.p.m.

(Note - the FOURTH Thursday, this time!)

SPEAKER

Mr. K. Felton, from the Forestry Department.

SUBJECT

Eucalypts, and other native trees....

NEXT OUTING

Bus Outing to Tasman Peninsular area.

Date - Saturday, November 24th.

Meet - opp. Prince Theatre.

Time - to LEAVE at 9.30.a.m.

Cost - Adults \$2.50, Junior Members, no charge.

(A very few seats are available - see Miss F.E. Warren at the meeting)

Leader - Mr. K. Felton.

This Outing will be the last function for 1973.

LIBRARY

Members are asked to return all library books on or by the meeting on 22nd.

FIRST MEETING for 1974 will be February 21st; the Annual Meeting will be on March 21st - and Easter Day falls on April 14th.

CONSERVATION IN THE GARDEN

A page of suggestions has been received from Mr. Vincent Serventy. In particular, it gives information on pesticides - types; safety rules; non-poisonous materials; other methods of pest control - so that our wildlife do not suffer. Look for this leaflet on the table at the meeting.

October Outings

Sunday, October 21st.

As the weather was so bad on Saturday, the outing to Ellendale was put off till the next Sunday. However, Fourteen intrepid and hopeful Field Nats turned up at the appointed hour and it was decided to go to Risdon Brook Dam. This was a good move, and we walked along the ridge of the hill just behind the new shelter sheds, till we reached the big sandstone quarry from which they got the blocks of stone for the sheds. Lunch was had here in a sheltered, sunny spot near a creek. While lunching we could watch a pardalote coming in and out of its 'nest' - the entrance was through an overhanging plant at the top of the cliff.

There were only one or two fine showers during the day - not enough to cause us discomfort - and we were thrilled to find Glossodia majors of all colours from white to deep mauve. Several Tigers, many Pink Fingers and buds of Thelymitras were seen. Peter Fielding and Micheal Grant did some intensive birdwatching and produced a list of 23 birds including the nests of both Spotted and Yellow-tipped pardalotes. Here's the list:-

Spur-wing Plover; Yellow-tailed Black Cockatoo; Green Rosella; Kookaburra; Welcome Swallow; Tree Martin; Grey Fantail; Scarlet Robin; Flame Robin; Dusky Robin; Yellow-tailed Thornbill; Brown Scrub Wren; Blue Wren; Dusky Wood-Swallow; Spotted Pardalote; Yellow tipped Pardalote; Silvereye; Black-headed Honeyeater; Pipit; Raven; Starling.

...and the flora:-

Musk, (Olearea argaphylla) in bud; Native Violet, (Viola hederacea); Blue Daisy (Brachycomb Sp.); Wax-lip orchid, (Glossodia major); Pink Fingers, (Caladenia carnea); small Thelymitra in bud; Olearea viscosa in bud; Eucalyptus sp. in flower; Native Indigo, (Indigofera australis); Tiger Orchid, (Diuris sulphurea); Yellow Lily, (Bulbina bulbosa); Dwarf heath, (Lissanthe strigosa); Leucopogon virgatus; Leucopogon collinus; Tetratheca glandulosa; Pultenaea floribunda; Goodenia lanata; Large "Yellow Button" (Composite); and some necklace fern.

Sunday, October 28th.

Owing to a healthy "Grapevine", Sixteen people visited Mr. and Mrs. A.B. Brownell at Ellendale. We arrived about 12 o'clock and after a 'cuppa', went for a short walk into one area, getting back to the house for a late lunch. After this we went across the paddocks, and through the bush to the Jones River. The bush was still rather wet underfoot but various people were lent gumboots which were a great help! Mrs. Brownell led us down the valley to their boundary by the river, and Mr. Brownell made sure we all detoured in the right places to miss the worst of the mud.

On the way we were interested to find in flower the Native Currant (Coprosma quadrifida) which has its male and female flowers on different bushes! (Such tiny flowers too!)

On returning to the house we gave back the useful gumboots, and had a parting cuppa before taking to the road once more.

Many thanks to Mr. and Mrs. Brownell for a very happy and interesting day.

Newspaper Information.

Sargassum multicum - a fast-growing seaweed which 20 years ago was native to Japanese waters, has now been found near the Isle of Wight and Portsmouth Harbour. At present, volunteers are plucking it up by hand. If it gets a hold biologists are afraid it will lead to snagging of propellers, foul fishing lines and nets, block outfall pipes, and choke other seaweeds.

... DDT threatens to interfere with the rate of reproduction of the KOOKABURRA. In the bird's pattern of family life, 3 or 4 will live together in one home territory but only one pair will breed. If the male dies, another male from that group will mate with the resident female. But if the female, through the effect of the DDT, lays soft shelled eggs, she will go on doing so, losing the chicks, and no other females of the group take her place.

More research is needed into biological or non-toxic control of pests.