CHE FERN SOCIETY OF UICCORIA

MEWSLEÇÇER.

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#### OFFICE BEARERS

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### PRESIDENT'S MESSAGE:

Dear Member,

Despite wet wintry conditions, there was a good attendance of Members at the Sixth Annual Meeting of our Society. This was a historical and important meeting wherein the achievements of the past twelve months were recounted, the Society's finances were presented for scrutiny, a new Committee elected, and the Society directed by near unanimous vote towards incorporation.

Retiring Members from the outgoing Committee were: Vice-President Albert Jenkins and Committee Members Bernadette Coleman and Joan Taylor.

The composition of the new Committee is as follows:

Immed. Past President - Chris Goudey
Vice Presidents - Bill Taylor
- Albert Ward
Secretary - Bernadette Blackstock
Minute Secretary - Bernice Hale

Treasurer - Jean Trudgeon

Committee Members

Ian Broughton
Kath Brown
Bernard Coleman
Robert Lee

Margaret Radley John Oliver Keith Stubbs

We thank our retired Members for their valuable contributions to the work of the Society. We wish them well in whatever activity they now become involved and hope that their interest in the Fern Society will not wane.

It is fitting that all remaining Members of the old Committee have been returned. Each one is well worthy of the confidence and trust of the Society.

I welcome Ian Broughton, Robert Lee and John Oliver to the new Committee and express the hope that they will enjoy their work and involvement in the administration of the Society.

At the conclusion of the Annual Meeting we were treated to a program of mini talks by three of our most successful fern growers.

Continued on next page

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### SEPTEMBER MEETING

A talk by Keith Hutchinson:
"My Methods for Successful Fern Photography"

An interesting evening is assured.

# 1. Barry Stagoll

In a well prepared talk, "Tips on Glasshouse Construction", Barry explained such features as construction, construction materials, wall and roof coverings, ventilation, the importance of height and preparation of the floor.

Throughout his talk Barry showed colour slides to illustrate his narrative.

Thank you Barry.

# 2. Bernard Coleman

To show us the purpose and potential of the new slide bank, Bernard screened a collection of duplicated colour slides of ferns, the originals of which had been lent by Members.

The quality of the duplicates was excellent and the screening indicated to us that the potential for educative grouping of slides is almost limitless.

Thank you Bernard.

# 3. Bill Taylor

To many of us the sterilization of soil mixtures used in the sowing of fern spores is a messy, timeconsuming business.

Bill described to us an easier way. He has experimented with a commercially prepared pre-sterilized mixture which is marketed for the cultivation of African Violets. Bill has adapted this mixture to raising ferns from spores and showed us examples of clean, very healthy prothallic and germinated sporelings. The mixture is inexpensive.

Thank you Bill.

### The Winners

Special Effort Winners at the August meeting were:

- 1. Bernadette Blackstock
- 2. Margaret Radley
- 3. Alison Whytcross
- 4. Neville Grove
- 5. Robert Lee

The prizes were two ferns, a glazed flower pot and two "jiffy pots".

Congratulations winners.

# Our Members made Welcome in South Australia

Shepparton members, Beulah and Mervin Powell have reported that on a recent holiday trip to Adelaide, they attended the May meeting of the South Australian Fern Society.

Guest speaker was the President, Mr. Schneider who subsequently invited Beulah and Mervin to visit his property and inspect his fern collection. This collection included a very interesting spore cultivation.

Thank you South Australia.

Fern Exhibition: August 4th and 5th. Under the leadership of Vice President Bill Taylor, a very attractive display of ferns was presented at the S.G.A.P. native plant show in Ringwood.

Public interest in the display was excellent and our volunteer supervisors were kept busy answering questions relating to ferns and the Fern Society.

Our thanks are due to Bill and his volunteers and also to those Members who lent ferns for the display.

# Next Month.

"My Methods for Successful Fern Photography" is the title of Keith Hutchinson's talk for the General Meeting on September 13th next. Keith plans to cover the facets of:

> Impact and Lighting Composition Depth of Field, and Gadget Bag Accessories.

In addition Keith invites Members to bring some of their fern slides to the meeting. A good response to this appeal would no doubt help to make the night enjoyable and informative.

With kindest regards,
Doug Thomas.

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RAIN FORESTS AND FERN GULLIES
(Continued from the August issue)

O'Reilly's Green Mountains.

The names O'Reilly and Lamington National Park in south east Queensland are synonomous. O'Reilly's Guest House, the pioneer family who founded it and the Lamington National Park are famous throughout Australia and overseas. Quite apart from producing amazing feats of endurance and courage in settling in the McPherson Range, this O'Reilly family also produced a

In February, 1937, a passenger aeroplane on a routine flight from Brisbane to Lismore disappeared in the face of a vicious cyclone. For eight days a huge unsuccessful aerial search was concentrated along the Australian coast between Brisbane and Sydney.

fine Australian hero; the late

Bernard O'Reilly.

By intuition coupled with sound common sense, Bernard O'Reilly plotted what he thought would have been the course of the plane's flight. He set out firstly on horseback then on foot, trekking through fog and rain storms, treacherous gorges and mountainous rain forests, hoping, simply hoping that he might find the plane and above all, survivors. This he did after twenty two miles.

Had it not been for Bernard O'Reilly's heroic persistence and personal concern for fellow human beings, that aeroplane wreck may never have been found and two surviving passengers never rescued. Today, O'Reilly's Guest House is a great place to spend a holiday. It is situated high up in the McPherson Range right in the Lamington National Park. Approach is made through the township of Canungra, then a climb up the mountain range over a steep, poor standard road. Once settled in the Guest House, lock your car and leave it be.

Walks through the exciting rain forests can be taken in almost any direction, day after day. These provide sightings of an enormous number of fern species, whilst native birds and animals are also plentiful and lovely to see. At night it is possible to take a walk into the forest to see the fascinating spectacle of gloworms at work. On the way your Guide will point out luminous fungi for you.

Waterfalls are also plentiful, there must be at least a dozen within easy walking distance of the Guest House, all of which are well furnished with ferns, fern allies, creepers and mosses.

Almost all of the fern species described for other national parks in the area, will be found at Lamington, but there are outstanding communities of rough maiden hair (Adiantum Hispidulum), black stem maiden hair (A. Formosum), climbing shield fern (Arthropteris Tenella) and fragrant fern (Microsorium Scandens).

This is another marvellous place to spend a holiday; I could not recommend it too highly.

DOUG THOMAS

Reference: "Green Mountains" by Bernard O'Reilly

### ANNUAL REPORT OF THE EXECUTIVE COMMITTEE 1983/1984

# Introduction

The Fern Society continues to maintain record Membership, to enjoy a variety of services, to engage qualified informative Guest Speakers for monthly meetings, and to manage finances in a sound and responsible manner.

The Society's monthly Newsletter and staging of the Annual Fern Show and Fern Exhibitions at various venues, has served to unify the Membership whether it be City, Country and Interstate.

The outgoing Committee has capably administered the business and organisational affairs of the Society.

Highlights of the preceding year were:

# 1. Excursions:

- 1.1 November 1983: To Dorothy and Ian Forte's property at Garfield North, Victoria - fifty people attended.
- 1.2 May 1984: Week-end excursion to East Gippsland rain forests. Fifty-three Members attended including Members from the South Australian Fern Society.

### 2. Fern Exhibitions:

- 2.1 September 1983: Melbourne Royal Show, where were the Society's display of ferns was adjudged best exhibit in its section.
- 2.2 February 1984: The Royal Horticultural Society's Flower Show in the National Herbarium.
- 2.3 March 1984: The Fern Society Annual Fern Show. Also at the National Herbarium.
- 2.4 August 1984: The Maroondah S.G.A.P. native plant show at the Ringwood Civic Centre.

With the exception of the Society Fern Show, all other exhibitions have been planned and organised by Vice-President Bill Taylor with assistance from volunteers. Each display has been beautifully presented and of inestimable value in the public promotion of the Fern Society.

Thank you Bill and volunteers.

# 3. Fern Society Fern Journal.

The first publication was issued in March 1984, and has enjoyed public acceptance. The Executive Committee has approved a further issue in 1985.

Continued from previous page

4. Honorary Life Membership March 1984

Conferred on Vice-President Bill Taylor in recognition of his outstanding work for this Society.

5. Interstate Guest Speaker June 1984

We were privileged to have as Guest Speaker, Dr. Bob Chinnick, of the National Herbarium Adelaide.

# General Meetings

Monthly meetings, held at Burnley Horticultural College, have been consistently well attended throughout the year; a fitting response by Members to the programme of Speakers arranged by Secretary, Keith Stubbs.

The talks provided by Guest Speakers were once again interesting, entertaining and informative whilst the knowledge and know-how of our Fern Forum Panel Members; Harold Olney, Chris Goudey, Rod Hill, Keith Hutchinson and Keith Stubbs continues to be simply amazing.

We join to thank all Speakers and Panel Members for their highly valued contributions.

In addition to the work of Speakers, each meeting provided the following services for Members:

- 1. Spore Bank Bill Bright
- 2. Book Sales Lorraine Goudey
- 3. Library Bernadette Blackstock
- Maxicrop Sales Albert Jenkins
- 5. Fern Table Chris Goudey
- 6. Fern Sales Member vendors assisted by Committee Members
- 7. Supper Beth Ward and Jan Seibel
- Advisory Service Dorothy Forte, Harold Olney and Keith Hutchinson
- 9. Special Effort Kath Brown and Margaret Radley

Our thanks go to the dedicated officers who manage and maintain these services month by month.

Continued on next page

# The Officers

(1) The Executive Committee met eleven times. Members' attendances were -

Kath Brown	11	Margaret Radley	11
Bernadette Blackstock	10	Keith Stubbs	10
Bernadette Coleman	5	Bill Taylor	11
Bernard Coleman	8	Joan Taylor	8
Chris Goudey	10	Doug Thomas	10
Berenice Hale	9	Jean Trudgeon	9
Robert Lee	6	Albert Ward	8

Committee Meetings have been harmonious and purposeful, with each Member contributing effectively in his or her individual task. I thank each of these Members for their support. The Society has been well served by this Committee.

I regret to have to report that for personal reasons, Vice-President Albert Jenkins, Joan Taylor and Bernadette Coleman will not be seeking re-election. Each has worked loyally and hard for the Society since inauguration.

Thank you all most sincerely.

# (2) The Secretary

Keith Stubbs has completed another outstanding performance as the Society's Secretary. He handles all his tasks with great skill and efficiency. His influence has helped to dignify the public image of the Society.

Keith is now forced by pressure of work in his profession, to relinquish his post as Secretary.

We thank him most sincerely for his fine contribution to the development of this Society.

### (3) Treasurer

Jean Trudgeon has once again been an efficient and capable Treasurer. Her carefully prepared financial statement is a fine example of the standard of her work. In addition to finances, Jean also has responsibility for Membership records and together with Kath Brown and Margaret Radley for mailing the monthly Newsletter. Well done again Jean. Thank you.

### (4) Newsletter

The Society's monthly Newsletter would have to be the most important communication link throughout the Society. A dedicated officer, Keith Hutchinson, continues to produce month by month a Newsletter which is interesting, serviceable and informative. I have no doubt that the quality of the Newsletter is the main reason for our large and growing country and interstate membership.

Thank you Keith.

# (5) Spore Bank

This important facility provides Members with the opportunity to undertake one of the most fascinating activities in horticulture i.e. Growing ferns from spores.

Handling this work efficiently and faithfully is Spore Bank Manager, Bill Bright.

Thank you very much Bill.

# (6) Slide Bank

The setting up of a photographic slide bank is new for this Society, and although a public screening has not yet been presented, a vast amount of work has been done towards that end.

We are indebted to Bernadette and Bernard Coleman for undertaking this work on behalf of the Members.

Thank you both.

# (7) Show Sub-Committee

Led by Robert Lee this Sub-Committee has once again proved invaluable in planning and staging our Annual Fern Exhibition in the National Herbarium.

It will be seen in the Treasurer's financial statement, that Membership subscriptions now are not enough to pay for the production and mailing of the monthly Newsletter. The deficit has been reduced by the dedicated efforts of the Show Sub-Committee Members whose efforts contributed considerably to the Society's funds.

Year after year the annual Fern Show has not only been an outstanding event in the gardener's calendar, but an event which sets the Fern Society in the public limelight - beautifully.

A very sincere thank you is accorded to you, Robert, and your co-workers.

### (8) The Deputy Presidents

This Society is indeed fortunte to have Members of the dedication and calibre of Chris Goudey, Albert Jenkins and Bill Taylor as Deputy Presidents. All are hard working, forward thinking and devoted to the well-being of the Society. I am deeply appreciative of the support and assistance they continue to give me.

Thank you all.

# (9) Members

No Club or Society could exist without an interested and responsive Membership. In this Society we have seen a continuance of Members involvement in the activities planned by the Committee.

Thank you Members, for being Members.

Since its inception, this Society has developed because of strong, enthusiastic Membership. This Membership enables us to look forward to future growth with confidence.

### SIXTH ANNUAL GENERAL MEETING

About 100 members braved icy conditions to attend the Society's Sixth Annual General Meeting last month.

Business was kept to a minimum with the major items being the President's Report on behalf of the Committee, the Treasurer's Statement and incorporation of the Society.

The President's report is reproduced elsewhere in the Newsletter, as are the financial details. The deficit trading balance for the year is a concern of the outgoing Committee but, as pointed out by Keith Stubbs, who seconded the Treasurer's report, there are some sound reasons for this, e.g.

- (a) The Newsletter now costs approximately \$11.00 a year per member, well over the average subscription rate.
- (b) Takings from the Annual Show, which have been subsidising the Newsletter were half the previous year due to increased expenses and lower attendances (held outside Garden Week).
- (c) High stocks of the Australian Fern Journal which are gradually being whittled away.

Keith Stubbs outlined the steps now required to incorporate the Society. Motions were passed:

- (a) That the postal vote decision be implemented.
- (b) That a sub-committee comprising Keith Stubbs, Bill Taylor and Albert Ward handle the incorporation.
- (c) That the "Model Rules for an Incorporated Association" be adopted and by-laws be proposed at an Extraordinary General Meeting after incorporation to retain the spirit and conditions of the current constitution which will become defunct.

The new committee was elected and three interesting demonstrations took place.

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### FERN SOCIETY OF VICTORIA

BALANCE SHEET AS	AT 30TH JUNE, 1984	SCHEDULE II
Accumulated Funds <u>Less</u> Deficit for Period	\$6,447.72 2,226.24	\$4,221.48
Represented by:		
Savings Investment	\$2,588.01	
Current Account	1,287.47	
	\$3,875.48	
Fixed Assets Projector	346.00	\$4,221.48

### NOTES TO THE ACCOUNTS

- 1. Australian Fern Journals totalling approximately 1200 copies remain unsold and this represents further assets of approximately \$1,600 which will be recouped progressively during the 1984/85 financial year.
- 2. Newsletter costs of \$5,973.68 represents a major contribution to the deficit and the incoming committee will be examining the need to raise subscriptions from 1st September, 1984.

# AUDIT REPORT

The accounts for the Victorian Fern Society set in Schedules I and II have been prepared from records and information supplied to me.

Based on the information supplied, I am satisfied that the accounts represent a true and fair view of the state of affairs of the Victorian Fern Society as at 30th June, 1984.

R. FOWLER HONORARY AUDITOR

# DECLARATION OF POSTAL VOTE ON THE MATTER OF INCORPORATION OF THE FERN SOCIETY OF VICTORIA

The Members of the Fern Society of Victoria were polled to determine whether the Society should be incorporated. Scrutineers appointed by the Executive Committee were D.J. Thomas and K.N. Stubbs.

513 ballot papers were issued to Members who were financial on lst July, 1984. The poll was conducted amongst 506 single members and 51 family members making a total of 557 eligible votes. A simple majority supporting the proposal was required and the closing date of the ballot was 6th August, 1984.

At the close of the polls, 332 votes were returned and the voting was:

YES	5.0	330
NO		1
INFORMAL		1
		1
% IN FAVOUR	OF	59.99

We declare the resolution carried in the affirmative.

INCORPORATION

(Signed) (Signed)
D.J. THOMAS K.N. STUBBS
President Secretary



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# FERN SOCIETY TOUR TO LORD HOWE ISLAND

### MAY 1985

Since my last visit to Lord Howe Island, many people have shown great interest in hearing about and seeing the beautiful ferns and palms of Lord Howe Island. As such, I decided to put together an interesting seven day tour, to give Society members and their friends a chance to see the magnificent scenery, not to mention the ferns of Lord Howe Island.

To keep costs down, the group will fly from Sydney to Lord Howe Island, rather than from Melbourne. We will travel from Melbourne to Sydney by overnight coach, arriving in time to catch the morning flight out of Sydney. Accommodation on Lord Howe Island will be in modern, comfortable, self-contained flats.

The tour group will leave Melbourne on Friday evening, 17th May, 1985 and return on the morning of Sunday, 26th May, 1985. The cost of the tour will be approximately \$580.00 per person. Included in the cost are: overnight coach to Sydney and return; return flight to Lord Howe Island and seven nights' accommodation. Meals are not included in the tour, but we will cook as a group sharing the costs.

A ten dollar holding deposit is required with your booking. Full deposit will be required later. Bookings will be confirmed on a strictly first-come basis. The maximum group size will be twenty persons. Unfortunately at the time of writing this, only eight vacancies still remain.

I will be giving a talk on the ferns of Lord Howe Island at the November meeting.

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SPORE LIST - SEPTEMBER:

Spore samples may be purchased at monthly meetings, or by sending a list of your requirements with 20 cents for each species requested plus 50 cents for packaging and postage to Mr. W. Bright, 520 Burke Road, Camberwell 3124.

A cheque made payable to "The Fern Society of Victoria" is the preferred method of payment for spore. Postage stamps in 30, 10 and 5 cent denominations may also be forwarded for small orders. Please allow two to three weeks for postage.

Many species are still available from the list published in the newsletter, but if ordering from this list, please include a supplementary list in case some species are depleted.

Instructions on propagation from spore are also available for an extra 10 cents.

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н*	DIAPHANUM(3-84)	14	AUSTRALE(2-84)
H*		N N	DOODIA ASPERA(3-84) CAUDATA(2-83)
	PATENS(10-83)	11	MAXIMA(5-84)
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T *	DIMORPHUM(10-83)		SP:B(CIRCINNATUM/MALAYSIA)(10-82)
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H	PARASITICA(1-84)	.N	PSTLOTUM NUDUM(7-82)
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THE STATE OF THE S	DEALBATA(1-84)	N ·	RUMOHRA ADIANTIFORMIS(CAPE FORM)(2-84) ADIANTIFORMIS(NATIVE)(2-84)
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	MEDUCCARIS(3-84)	N.	STENOCHLAENA PALUSTRIS(10-82) "TAENITIS:BLECHNOIDES(10-82)
N N	SP:(LARGE/MALAYSIA)(10-82)		THELYPTERIS PATENS :LEPIDA: (?)
	SP:(LARGE/MALAYSIA)(10+82)  SP:(NEW GUINEA)(2-84)  CYCLOSORUS TRUNCATUS(3-84)	N ·	TODEA BARBARA(12-83)
- i	CTCLOSORUS TRUNCATUST 3-847		GROUND-FERN(LARGE/BIPINNATIFID/MALAYSIA)

# IDENTIFICATION OF FERN FAMILIES

- May Meeting -

The Society's Life Member, Chris Goudey, was the speaker at the May meeting on the subject of "Identification of Fern Families".

During this talk, Chris endeavoured to cater for those who were beginners as well as members who had been growing and caring for ferns over a longer period.

During his talk, Chris picked out the more common ferns and, by slides and description, gave the audience hints on how to identify various families. As Chris said, it was impossible to cover all families and as well as the common ones, he also selected a few rare families which were also interesting.

At the start of the talk, a glossary of term was used to assist those in the audience to understand more fully.

Chris prepared extensive notes and the balance of this report is given in summary form which will be a valuable guide for members in their endeavours to identify the various families.

### Abbreviations of terms:

Cv cultivar.

Sp Species

Terrestral

grows on the ground

Rupestral

grows on rocks

Epiphytic

grows on trees

Pantropical Circum Austral

grows in the tropic zones around the world

grown in the Southern Hemisphere

Dimorphic

two types of fronds (fertile & sterile) found on the

fern

Reniform

kidney shaped

Dichotomous

continually forced

# Example of "Family Tree"

FAMILY

e.g. Adiantacae

(Pteris)

GENUS (Genera Plural)

GENUS (Adiantum or Pellaea)

SPECIES

SPECIES

SPECIES

P. tremula

A. reniform

P. rotundifolia

### ADIANTUM

Is a world wide genus of approx. 200 sp., more than 100 cvs, with at lest 100 in the American tropics. They are mostly terrestrial but can be repustral.

The sori are marginal and enclosed in a flap that is an extension of the pinnules. They can be scattered along the margin or in a continuous line e.g. A. macrophyllum.

### PELLARA

about 35 sp. pantropical with most species occurring in South America & South Africa. They are terrestrial or rupestral ferns.

The sori are (usually) enclosed in a marginal flap.

The genus pallaea has been broken down into 4 sections with the Australian & N.Z. species being the only species belonging to the section Platyloma.

#### PITYROGRAMMA

A family of terrestrial ferns with about 15 species mostly from the American tropics, with a few species in Africa and Madagascar. Two species occur in Australia as escapes.

The species are characterised by the striking white or yellow colouration to the back of the fronds.

### DORYOPTERIS

Is a tropical genus of 25 species which are closely related to Pellaea most of which are from the American tropics. One species occurs in Australia.

The sori are marginal and contained within a flap which is usually continuous. The fronds are usually palmate or pedate (hand-shaped or oakleaf-shaped)

### HEMIONITIS

7 tropical American species, 2 of which are cultivated in Australia.

The sori appear along the veins on the rear of the fronds often forming a net-like pattern. Most species can reproduce by means of buds which occur in the clefts on the fronds.

### LLAVEA

A tropical American fern and is the only species in the genus. It is a distinctive species similar in appearance to Osmunda regalis.

The pinnae are glaucous on the underside and the stipe bases are clothed with beautiful long pale green scales.

### CHEILANTHES

A family of about 150 species which are world wide in their distribution, being terrestrial or rupestral.

They usually occur in open seasonally dry habitats, dying back during dry periods. The sori are enclosed under marginal flaps.

Often zerophytic.

### PTERIS

A large genus of about 200 species. Almost world-wide distribution, occurring in rainforest and more open forests. An extremely variable genus which can have simply pinnate fronds such as P.vittata or much divided fronds such as P.pacifica.

The sori are marginal and enclosed within a flap which is an extension of the margin, much the same as the Adiantum.

VITTARIA

A pantropic genus of about 50 species. Mostly epiphytic, sometimes rupestral. Members of this genus have long ribbon-like fronds, the sori are marginal or just in from the margin and are not enclosed in a flap. Rainforest ferns.

BLECHNUM

A large genus of about 150 species with a world-wide distribution. They usually occur in wet rainforest or wet swampy ground. Some members of this genus are epiphytic e.g. B.filiforme (N.Z.) The genus was once broken into two groups e.g. Lomaria (dimorphic) and Blechnum (not dimorphic).

DOODIA

A small genus of about 10 species which occur mostly in the South Pacific. Members of this genus are terrestrial and closely related to Blechnum. They are rough, raspy ferns with brightly coloured new growth.

The sori are linear and appear usually as broken line on either side of the midrib of the ultimate segments.

STENOCHLAENA

A small genus of about 4 species from the tropics mostly inhabiting swamps. Terrestrial but becoming epiphytic. Fronds dimorphic. Fertile fronds pinnate with long slender segments. Related to Blechnum.

SADLERIA

This genus is small and mostly restricted to the Hawaiian Islands. They are usually regarded as treeferns because of their erect trunk. The fronds are large and pinnate with fertile fronds the same as sterile fronds. The sori are linear and are arranged along the veins on either side of the midrib.

WOOODWARDIA

A widely distributed genus 12 species of the tropics and subtropics. They usually occur in mountain regions alongside forest streams. A number of species reproduce by means of bulbils which are situated either on the surface of the frond or on the underside apex of the blade. The spores are situated on the underside of the fronds like a broken line on either side of the midrib, like the links on a chain.

**ASPLENIUM** 

This family is large with no less than 700 species which are world-wide in their distribution primarily from moist to wet rainforests, however they do have a wide range of habitats from salt laden coastal rocks and cliffs to crevices in limestone rocks. The species vary considerably throughout their range of habitats from large birds nest ferns to small Maidenhair spleenworts. The spore arrangement on all species is what I call boat-shaped, they are elongate and covered by an indusium which is attached on one side to the vein forming a boat-shaped pouch. Many species produce plantlets on the surface of their fronds.

#### PLEUSORUS

A small genus of only 3 species which are closely related to Asplenium but lacking an indusium. The fronds are densely covered with glandular hairs. This species usually grows in fairly exposed rocky situations.

### DIPLAZIUM

A world-wide genus of about 300 species which mostly occur in wet montane forests. The species are terrestrial with many species producing proliferous buds. Diplazium is closely related to Athyrium. The spores are much the same as Asplenium.

### CYSTOPTERIS

Small terrestrial ferns of rocky habitats in forests and stream valleys. The genus is world-wide with about 6 species. Commonly called the Bladder Fern because of the shape of the indusium which is shaped like a half cup.

### ONOCLEA

A genus of only one species which occurs in Asia and North America. It is a terrestrial fern of swamps and wet woodlands. The fronds are broad, pinnatifid and deeply lobed. The fertile fronds are erect and woody with the segments tightly rolled like beads to protect the sori.

### ATHYRIUM

A large genus of mostly tropical ferns with 100 or more species. They are mostly terrestrial ferns of wet rainforests. The sori are linear, much the same as Asplenium, however a few species have reniform sori (kidney-shaped).

# POLYSTICHUM

The genus Polystichum is world-wide with about 160 species. They are attractive terrestrial ferns which mostly occur in mountainous regions of the tropics and cool temperate rainforests. They have erect, stout fronds which are mostly quite hard to touch. Quite a number of species produce proliferous buds either along the rachis or at the tip of the frond. The stipe bases are usually scaly and persistant after the frond dies. The spores are covered by an indusium which is round. Dryopteris is close to Polystichum except that the indusium is reniform and not round.

### CYROTOMIUM

Holly ferns are quite distinctive because of their appearance; They are terrestrial ferns of forest ravines, roadside banks and most cliffs. There are about 25 species which are almost world-wide in their distribution. The indusium is much the same as Polystichum.

### ARACHNOIDES

A genus of about 50 species which are distributed throughout the southern hemisphere. Members of this genus have harsh glossy fronds with sharply toothed pinnules, the indusium is kidney-shaped. This genus is close to Lastreopsis. One species occurs in Australia.

# RINGWOOD S.G.A.P. SHOW

Once again the Fern Society was involved by staging a display of native and exotic ferns.

The display was again of a very good standard both, in variety and condition of plants. Thanks to those who loaned their ferns for this does make life much easier. Also thanks to all who helped set up and dismantle.

There was a surprising amount of interest shown by the public, in relation to the ferns. Including a lot of young couples setting up their first fernery or fern garden, and it is good to be able to assist these people, as they are potential Society members of the future.

We would like to thank the Maroondah S.G.A.P. group for the invitation to display, as this keeps the Society's name before the public, which numbered some 5,000 over the weekend.

BILL TAYLOR Exhibition Co-ordinator

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### BOOK SALES

NAME OF BOOK	AUTHOR/S	PRICE	POSTAGE & PACK	TOTAL
Australian Ferns & Fern Allies	D.L. Jones & S. Clemesha	\$ 15.40	\$ 3.00	\$ 18.40
Exotic Ferns In Australia	D.L. Jones & C.J. Goudey	\$ 11.50	(\$ 1.85) \$ 1.60	(\$ 13.35) \$ 13.10
Ferns For The Home & Garden	Gillean Dunk	\$ 8.00	(\$ 1.85) \$ 1.60	(\$ 9.85) \$ 9.60
Fern Collectors Guide	W.N. Clute	\$ 4.80	(\$ 1.10) \$ 1.05	(\$ 5.90) \$ 5.85
Growing Ferns	Ray Best	\$ 3.20	(\$ 1.85) \$ 1.60	(\$ 5.05) \$ 4.80
Ferns For Modern Living	E. Davenport	\$ 3.00	(\$ 1.30) \$ 1.20	(\$ 4.30) \$ 4.20
Ferns From Mother Nature	A Gick Book	\$ 4.00	(\$ 1.30) \$ 1.20	(\$ 5.30) \$ 5.20
Ferns In Australia	D.L. Jones & C.J. Goudey	\$ 15.60	\$ 3.00	\$ 18.60
A Handbook On Ferns	Brooklyn Bot. Gardens	\$ 4.80	(\$ 1.30) \$ 1.20	(\$ 6.10) \$ 6.00
The Australian Fern Journal Edition I	The Fern Soc. of Victoria	\$ 1.80	(\$ 0.65) \$ 0.60	(\$ 2.45) \$ 2.40

PLEASE NOTE: Interstate prices are included for all books except for 'Australian Fern & Fern Allies' and 'Ferns In Australia' which vary from State to State. Interstate prices are shown in brackets.

Please write to: Mrs. Lorraine Goudey R.H.B. 1175 LARA VIC. 3212

### DIARY DATES

Thursday September 13th Photography Night hosted by Keith Hutchinson

Thursday October 11th Rod Hill - "Ferns of the Blue Mountains (NSW)"

Thursday November 8th Chris Goudey - "Ferns of Lord Howe Island"

Thursday December 13th Fern Forum and Christmas Meeting

NOTE: In the event of a power strike on the evening of any meeting, we regret that

the meeting must be cancelled.

VENUE OF MEETINGS: Burnley Horticultural

School Hall, Burnley

TIME OF MEETINGS: 8 p.m.

PREPARED AND PRINTED

FOR THE FERN SOCIETY

OF VICTORIA



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