

OFFICE-BEARERS:

ACTING PRESIDENT: Albert Jenkins, 11 Morwell Avenue, Watsonia, 3087. Tel. 435 3863 VICE-PRESIDENT: Keith Hutchinson, 17 Grandview Grove, Rosanna, 3084. Tel. 45 2997 TREASURER: Jean Trudgeon, 13 Eden Street, West Heidelberg, 3081. Tel. 459 4859 SECRETARY: Keith Stubbs, 14 Afton Street, Essendon, 3040. Tel. 337 8284 EDITOR: Keith Hutchinson, 17 Grandview Grove, Rosanna, 3084. Tel. 45 2997 SPORE BANK MANAGER: Rod Hill, 41 Kareela Road, Frankston, 3199 LIBRARIAN: Ann Bryant, 273 Douglas Parade, Newport, 3015. Tel. 391 7620 PUBLICITY OFFICER: Geoff Echberg, 1 Railway Parade, Highett, 3190. Tel. 555 5115

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With great reluctance we received the resignation of our President Chris Goudey. Chris has resigned for personal reasons, and we are looking forward to the day when Chris and Lorraine will again be able to give of their time and talents to the Fern Society.

We are greatly indebted to Chris for his enthusiasm, and his desire to share his knowledge for the benefit of fern lovers, and his drive in helping to establish and lead the Society, as its President to the progressive Society that we have to-day.

I would also like to thank Lorraine for the time and dedication she has shown, in spreading the knowledge of ferns via the book sales department, which she has handled so well. Thanks again, Chris & Lorraine.

The next meeting of the Society will be our Annual General Meeting. We are in need of more willing members for our Executive Committee, especially any with some expertise that would benefit and strengthen our Society. Please forward your nominations to our Secretary, Keith Stubbs. After the election of Office Bearers there will be a series of demonstrations by members.

We would appreciate your attendance and willingness to actively participate in the advancement of our Society.

On Wednesday 14th July, on behalf of the Society I attended the funeral of our member Domenic Scattolin of 2 Stennis Street, Pascoe Vale. Domenic passed away after a short illness at the age of thirty two. His mother, Mrs. Scattolin had passed away only two months earlier. We extend our sympathy to Mr. Scattolin and Maria.

ALBERT JENKINS, VICE PRESIDENT

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OUR AUGUST MEETING

A reminder that the Annual General Meeting of the Society will be held at the School Hall, Burnley College, Swan Street, Richmond at 8 p.m. Thursday 12th August, 1982.

Apart from the normal business, two Constitutional Amendments will be raised at this meeting and all members are urged to attend.

The Society will conduct some demonstrations after the Annual General Meeting. Those participants will be Keith Hutchinson, Albert Jenkins and Rob Dowsett.

One of our members, Mr. Bone, from Montrose, will also be bringing along a unique specimen which has been growing for twenty years in a most unusual situation.

JULY EXECUTIVE COMMITTEE MEETING NOTES

The Executive Committee received with regret the resignation of our President, Chris Goudey as President of the Society. Mr. Goudey resigned for personal reasons.

A letter was sent to Mr. Goudey thanking him for the efforts which he and Lorraine had made over the last three years to help make the Society what it is to-day. The Committee also expressed the hope that, in the near future, he will be able to accept a consultative role with the Society, a position which he would fill with distinction.

Mr. Goudey has expressed the hope that in a few months' time, he and Lorraine will be in a position to continue the book sales at our monthly meetings and control this rather busy activity. We hope that this indeed comes to pass.

Berenice Hale is acting as Book Sales Co-ordinator in the interim period.

As the Annual General Meeting is so close the Executive Committee decided to appoint our Senior Vice President, Albert Jenkins, as Acting President until the election of a new President in August.

STRONG CASE PUT AT JULY MEETING FOR BETTER FORESTRY MANAGEMENT

Discussing the question "Does forest management protect flora habitat?", the July speaker, Dr. John French, presented a strong case that current forestry harvesting methods are contributing to Australia's vanishing forests.

Dr. French, who is employed by the C.S.I.R.O., is also a member of the Australian Conservation Foundation.

During his talk, Dr. French emphasised the need to understand the depth of Australia's problem. "We need to be able to quantify and identify the effects on not only trees through poor forest management but also the effect that poor practices have on reducing fern colonies as well," he said.

The audience was surprised to learn that prior to the advent of the white man in Australia, nearly 10 per cent of the continent was of commercial forest quality. This has now been reduced to about 5 per cent, according to Dr. French, through indiscriminate harvesting for clearing for agricultural needs and recent woodchipping activities. "It has taken us only two hundred years to achieve this," Dr. French commented.

"The removal of vegetation has caused considerable soil erosion. The soil is the very root of our civilisation," Dr. French said. "There should be one Government Department which gathers the various forestry and agriculture bodies into one authority which is charged with the meclamation and protection of the soil," he also advocated.

Until recently, we were not aware of the true damage done by soil erosion. The first major study was undertaken in the American midwest in 1977-78. This first account of soil disappearance showed that 15 to 16 tons of soil per annum was lost through erosion. Dr. French claimed that America is paying a high price through damage to its environment through its urbanisation and heavy mechanisation.

According to Dr. French, no comprehensive study on soil erosion has been undertaken in Australia. There are only six stations in N.S.W., all in the wheat belt, which are monitoring any soil loss.

Underlying much of Dr. French's talk was the lack of information available to Governments, environmentalists and industry on how the eco-culture regenerates. Simple questions of how trees grow, for instance, are not easily answered. The problem is that Australia, along with other forest harvesting countries, does not undertake enough research to know the limits of our growths.

Continued from previous page

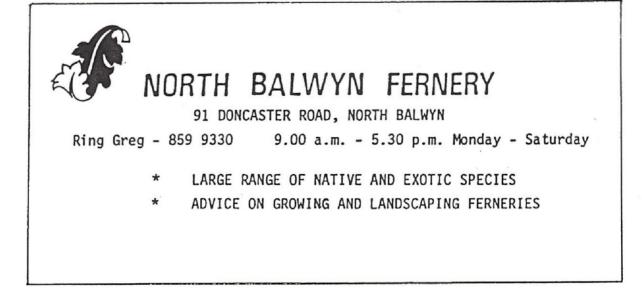
Dr. French illustrated the depth of the problem that exists with tropical forests. About every three minutes the equivalent of the area of a cricket oval is wiped out from the world's tropical rainforests. "You don't have to be a mathematician to work out that this cannot go on indefinitely," Dr. French added. The forestationregeneration programmes only redress this on a 3 to 8 ratio.

You cannot speed forestry, according to Dr. French. And the recent trend to capital intensive foresting is now having a serious effect on regeneration programmes. For instance, compaction of the soil through heavy machinery often means that regrowth of the forest floor will not occur in some places for up to 50 years.

Trees account for only 1% to 2% of a forest; the rest is plants, ferns, etc. Dr. French advocated select logging, not clear felling as is the current practice. In his opinion, this will contribute significantly to better protection of forest habitats.

He contrasted Australian and Austrian logging methods. In Austria, the largest tract of land which can be logged is 5 Hectares. Loggers need to log uphill so that when one looks up, the effect of the logging cannot be seen.

"Interestingly, Austria has only about one-third of our forest areas", Dr. French said, "but they produce almost the same amount of hardwood timber as Australia. He emphasised that they have a different concept of forest harvesting in Austria with strong laws covering logging on both public and private land. This resulted last year in about 300 people being fined for breaching the laws, something which is almost unheard of in Australia which also has regulations governing the industry.





PHLEBODIUM AUREUM

Until recently classified as one of the Polypodium family.

Phlebodium aureum is grown as a house plant (cooler temperatures) or outdoors in warmer regions. It will tolerate minimum night temperatures of 10 - 13 C (50 - 55 F). It likes medium light; bright diffused sunlight to partial shade. Benefits from winter sun and try to grow in humid atmosphere. Watering should be to keep the plant uniformly moist but not wet. Will tolerate drier soil in winter provided the rhizome is misted daily with tepid water. Well drained soil is essential.

Two cultivars well known to us are Phlebodium aureum cultivar "Glaucum" (from Florida, the West Indies and Mexico south to Argentina) and Phlebodium aureum cultivar "Mandaianum" (also from Central America).

Rhizomes are large, fleshy, long and surface creeping. In a large, mature specimen, the large fronds are 1 - 2 metres long. The rhizomes should not be covered but should be given free space to grow along the surface.

The Bears Foot Fern is often quoted to be the most beautiful of the Phlebodium aureum. Publications cited:

Fern Growers Manual Growing Ferns Ferns for Modern Living Barbara Joe Hoshizaki Ray Best Elaine Davenport

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NEW SOUTH WALES: 4th Floor. 309 Pitt Street, Sydney, NSW 2000. Phone: (02) 235 8100.





How did you fare with last month's crossword puzzle? Here is the solution for you.

Our thanks, once again, to Diana Crumpler.

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ERRATA

In last month's issue there were several parts of Chris Goudey's report which were not included. The following parts are now included which should be read in conjunction with Chris's previous notes.

QUEENSLAND TRIP

On Tuesday 18th we left the Tablelands for Cairns where we visited several Nurseries to admire large specimens of Tassel Ferns including the beautiful rare Lycopodium dalhousianum (Blue Tassel Fern) and Asplenium laserpitiifolium (Johnston River Maidenhair Fern). We also admired perfect specimens of the Asplenium nidus var. plicatum Wednesday 19th we arrived in Townsville and visited (Lasagne Fern). Mrs. Cath Farrell where we spent an enjoyable afternoon admiring a magnificent collection of beautifully grown tropical Adiantums. In the days that followed we worked our way down the coast visiting friends and nurseries until we arrived at Beaudesert. The hop from Beaudesert to Melbourne was done in one day. We arrived home exhausted.

WANGARATTA TRIP

Lorraine, the girls and I spent a very enjoyable weekend in Wangaratta early in June. We were the guests of Country Members, Mary and Garnet Frost. On the Friday evening we met members of the Wangaratta Garden Club and were amazed at the large attendance to their meetings. On the Saturday we were honoured at being asked to plant a fern in the newly constructed Fern Garden at the Wangaratta Gardens. The site chosen is ideal for a fern garden and in years to come will be a place of beauty with large stands of Tree Ferns and smaller shade loving species to complement them. Two small streams run down through the ferns into a small lake nearby. If anyone is passing through Wangaratta and would like a guided tour through the Fern Garden, they could ring Mr. R. Leask on (057) 212901.

CHRIS GOUDEY



1983 FERN SHOW COMMITTEE ACTIVE

Bill Taylor, Convenor for the 1983 Fern Society Show has gathered around him an active group of members who are already planning the 1983 Show. Bill, Chairman, and his wife Joan, Secretary, called the group together at Bill's home on 27th June. The other members of the Committee are:

Bernadette Blackstock	Gay Stagoll
Barry Stagoll	Bob Lee
Greg Bunting	Bernard Coleman

The first meeting was mainly for members to get to know each other. Nevertheless, many suggestions and criticisms of previous shows were made. Altogether 21 suggestions were put forward by the committee including the creation of a fern grotto or gully, the segregation of ferns into various groups e.g. Victorian ferns, and supervision of where ferns should be displayed at the Show for their best advantage.

The committee will have a busy time sorting through the various suggestions which will only help make the 1983 show our biggest and best ever. Congratulations, Bill, on getting things moving so quickly.

FROM THE WANGARATTA GARDEN CLUB

On Friday, 11th June, 1982, a large attendance of Wangaratta Garden Club members and friends heard Mr. Chris Goudey give a lecture on ferns, illustrated by slides, and had the opportunity of putting questions to Mr. Goudey during the lecture and afterwards at supper. Members voted it a most informative evening and were particularly interested in the subject as the Wangaratta Garden Club, in conjunction with the Wangaratta City Council, has been in the process of establishing a Fernery in Merriwa Park, Wangaratta for the past eighteen months.

Chris and his family were the guests of Mary & Garnet Frost while in Wangaratta and the Frosts gave the family a conducted tour of the Fernery in Merriwa Park where Chris donated and planted a Dicksonia squarrosa to commemorate his visit. They were also taken to Norma's Fernery at Carboor followed by a barbecue lunch at Paradise Falls, Cheshunt.

Merriwa Park lies to the right of the Hume Highway as you enter Wangaratta from the South and provides a peaceful haven for picnics and barbecues for the weary traveller. Apart from the Fernery with its tree ferns and other varieties of ferns, the Wangaratta Garden Club has planted a bank of jonquils and daffodils which should provide a colourful spectacle in the Spring and be worth a visit by anyone passing this way. Any clubs contemplating a visit to the area are invited to contact the Garden Club Secretary, Bob Leask, on (057)212901 when special arrangements may be made.

The Club will be holding its annual Pot Plant Show in the Wangaratta Town Hall on Sunday, 21st November, 1982 and competitors and visitors are welcome.

SPORE LIST AUGUST

Spore samples may be purchased at monthly meetings, or by sending a list of your requirements with 20 cents for each species requested plus 40 cents for packaging and postage to Mr. R. Hill, 41 Kareela Road, Frankston, 3199.

Payment for orders may be made by postage stamp (27 cent stamps preferred where possible) or by cheque (payable to "Fern Society of Victoria").

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

Instructions on propagation from spore are also still available for an extra 5 cents.

REGULAR SPORE LIST AUGUST

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ACROSTICHUM SPECIOSUM (10-80)
   ADIANTUM CAUDATUM (6 - 80)
   FORMOSUM (5 - 82)
   RADDIANUM 'ELEGANS' (8 - 80)
   RADDIANUM 'GRACILLIMUM' (3 - 82)
   RADDIANUM 'MULTICEPS' (8 - 80)
   TENERUM 'FERGUSSONII' (8 - 80)
   SP. (S.E.QLD) (2-82)
AMPHINEURON TERMINANS (2 - 82)
ARACHNIODES ARISTATA VARIEGATA(2-80)
   STANDISHII(12-81)
ASPLENIUM BULBIFERUM (NATIVE) (12-80)
   FLABELLIFOLIUM (11 - 80)
   NIDUS (10 - 80)
   SCLEROPRIUM (7 - 80)
ATHYRIUM ALPESTRE AMERICANUM (8-80)
   FILIX-FEMINA 'CRISTATA' (8-81)
   THELYPTEROIDES (7-81)
BELVISIA REVOLUTA (7 - 81)
BLECHNUM AMBIGUUM (1 - 80)
  ARTICULATUM (11 - 80)
  CAMFIELDII (7 - 80)
  CARTILAGINEUM (1 - 82)
  CHAMBERSII (3 - 80)
  DISCOLOR (12 - 79)
  FLUVIATILE (3 - 82)
  GIBBUM (4 - 81)
  NUDUM (3 - 82)
  OCCIDENTALE (5 - 80)
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BLECHNUM
    ORIENTALE (12 - 79)
    PATERSONII (7 - 80)
    PENNA-MARTINA (1 - 81)
    SPICANT (7 - 80)
    VULCANICUM (4 - 82)
    WATTSII (5 - 82)
    WHELANI (7 - 80)
    SP.(KING IS.)(12 - 79)
 CHEILANTHES DISTANS (1 -81)
   TENUIFOLIA (11 - 79)
    SP.8S.E.OLD) (1 - 81)
CHRISTELLA ARIDA (3 - 82)
   DENTATA (3 - 82)
CHRISTIOPTERIS VARIENS (4 - 80)
COLYSIS AMPLA (1 - 80)
CULCITA DUBIA (3 - 80)
CYATHEA AUSTRALIS (3 - 82)
   BROWNII (2 - 82)
   CAPENSIS (?)
   CELEBICA (8 - 81)
   CONTAMINANS (12 - 79)
   COOPERI (1 - 82)
   CUNNINGHAMII (3 - 82)
   DEALBATA (7 - 80)
   LEICHHARDTIANA (8 - 80)
   MEDULLARIS (9 - 80)
   REBECCAE ( 8 - 81)
   ROBERTSIANNA (12 - 80)
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CYATHEA SMITHII ('80) SP.(NEW GUINEA) (1 - 82)SP.(PHILIPPINES) (12 - 79) CYRTOMIUM FALCATUM (4 - 81) CYSTOPTERIS BULBIFERA (8 - 81) FILIX-FRAGILIS (10 - 80) DENNSTAEDTIA DAVALLIOIDES (12 - 81) DICKSONIA ANTARCTICA (3 - 82) FIBROSA (6 - 81) LANATA (3 - 82) SQUARROSA (1 - 80)YOUNGTAE (N.QLD FORM) (8 - 81) YOUNGTAE (S.OLD FORM) (8 - 81) DIPLAZIUM AUSTRALE (2 - 82) DILATATUM (5 - 80) DOODIA ASPERA (3 - 82) MEDIA (3 - 82) DORYOPTERIS CONCOLOR (8 - 80) DRYOPTERIS CRASSIRHIZOMA (8 - 77) MARGINALIS (7 - 81) SP.8BLACK KOREAN CROWN-FERN) (3 - 82) SP. (JAPAN) (4 - 809 GLEICHENIA MICROPHYLLA (3 - 82) RUPESTRIS (8 - 81) LASTREOPSIS ACUMINATA (12 - 809 DECOMPOSITA (7 - 80) HISPIDA (10 - 81) MARGINANS (12 - 79) MUNITA (8 - 80) NEPHRODIOIDES (7 - 80) SMITHIANA (7 - 80) WALLERI (8 - 81) SP. (RUFESCENS?) (8 - 81) SP. (TENERA?) (8 - 81) LINDSAEA MICROPHYLLA (1 - 82) LUNATHYRIUM JAPONICUM (5 - 82) LYGODIUM CIRCINNATUM (3 - 81) FLEXUOSUM (8 - 80)MATTEUCCIA STRUTHIOPTERIS (12 - 79) MICROLEPIA SPELUNCAE (8 - 80) SP.(N.OLD) (8 - 81) MICROSORIUM PAPPEI (8 - 80) ONOCLEA SENSIBILIS (8 - 81) OPHIOGLOSSUM PENDULUM (10 - 81) OSMUNDA CLAYTONIANA (24-5-82)

PELLAEA FALCATA (3 - 82) FALCATA NANA (12 - 81) PARADOXA (12 - 81) VIRIDIS (4 - 80) PITYROGRAMMA CALOMELANOS (8 - 81) PLATYCERIUM CORONARIUM (12 - 79) SUPERBUM (6 - 81) VEITCHII (8 - 80) WANDAE ('80) PNEUMATOPTERIS SOGERENSIS (12 - 80) POLYSTICHUM ACROSTICHOIDES (7 - 81) AUSTRALIENSE (5 - 80) FORMOSUM (5 - 82) LENTUM (3 - 82) PROLIFERUM (1 - 82) TSUS-SIMENSE (7 - 80) VESITUM (10 - 80) SP.(2 - 80)PTERIS BLUMEANA (12 - 79) COMANS (1 - 80) CRETICA (3 - 82) PACIFICA (8 - 81) TREMULA (1 - 82)TRIPARTITA (12 - 79) UMBROSA (1 - 82) VITTATA (1 - 82)RUMOHRA ADIANTIFORMIS (CAPE FORM) (2 - 82) ADIANTIFORMIS (NATIVE) (3 - 82) SPHAEROSTEPHANDS HETEROCARPUS (8 - 81) TAIWANENSIS (8 - 79) STICHERUS TENER (1 - 81) THELYPTERIS SPP. (CANADA) (8 - 81) TODEA BARBARA (1 - 82) TRISMERIA TRIFOLIATA (2 - 80) WOODWARDIA RADICANS (7 - 80)

NEW MEMBERS

A warm welcome is extended to the following people, who joined the ranks of Fern Society of Victoria members during the past month.

Mrs. Lauren Schoch, Flat 2, 44 Shelly Street, Elwood, Vic. 3184
Mr. & Mrs. Trevor Cox, 73 Kennedy Street, South Oakleigh, Vic. 3167
Mr. Philip Sharp, 16 Alemein Avenue, Ashburton, Vic. 3147
Mr. Stan Hill, 27 Summerhill Avenue, East Malvern, Vic. 3145
Ms. Maureen Verhagen, 240 Canterbury Road, Heathmont, Vic. 3135
Miss M. W. R. Adsett, 72 Denman Camp Road, Torquay, Qld. 4657
Mrs. Rosalie Caulkins, 1 Cornell Court, Frankston, Vic. 3199
Mrs. Beverly Scott, M/S 1292, Nanango, Qld. 4315
W. D. & D. J. Moran, Box 47, Woombye, Qld. 4559
Mrs. D. Bowen, "Rawiri", King Street, Scottsdale, Tas. 7254
Mrs. Roma Murray, Lot 35, Fourth Street, Harvey, W.A. 6220
Mr. James Bruce McKenzie, Cosmo Road, Trentham, Vic. 3458
Dr. Pam Montgomery, 9 Boyd Street, Warrandyte, Vic. 3113

MEMBERSHIP RENEWAL

Enclosed with this newsletter is a membership renewal slip. You may have already paid your subscription - but don't just throw the slip away. Do you have a friend or member of the family who might like to become a member of the Fern Society?

We are sometimes asked about the subscription structure for the Fern Society of Victoria. Hereunder is a list of the subscriptions for your future reference.

Single Membership : \$ 8.50 Single Pensioner : \$ 5.50 Overseas Membership : \$12.00 Family Membership : \$10.50 Full-Time Student : \$ 5.50 2 Married Pensioners : \$ 7.50

	SPEAKER PROGRAMME
AUGUST 12TH	ANNUAL GENERAL MEETING AND DEMONSTRATION NIGHT
SEPTEMBER 9TH	ROD HILL: "TREE FERNS"

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 BY



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