Mr Ian Barnes, President of the Institute of Foresters of Australia (IFA), has announced that Noel Phillip (Phil) Cheney has been awarded the N.W. Jolly Medal.

The N W Jolly Medal is the Institute’s highest honour for outstanding service to the profession of forestry in Australia.

Phil Cheney is Senior Principal Research Scientist with CSIRO’s Bushfire Behaviour and Management Unit, Canberra ACT. He is a Fellow of the Institute of Foresters of Australia (IFA) and has maintained an active interest in its affairs over the years. He was Chairman ACT Division, 1973-75 and Member of National Council.

The presentation of the Jolly Medal by the IFA President Ian Barnes, to Phil, will take place at the Institute’s AGM Dinner on 20 November 2003 in Canberra.

A summary of Phil’s contribution to forestry in Australia is given below. Due to Phil’s extensive experience, the article has necessarily been heavily edited.

Experience: 1998 – present
CSIRO Forestry and Forest Products – (Senior) Principal Research Scientist
Project Leader, Bushfire Behaviour and Management

"Undertake -

- research into fire behaviour to understand how bushfires spread in the natural environment and develop models to predict the behaviour of fires in important fuel types;
- research on fire meteorology to better understand weather phenomena affecting bushfires using numerical simulation and field validation;
- research on management systems using fire behaviour knowledge to develop better and safer bushfire management."

Place of Birth: Ballarat, Victoria.
Marital Status: Married - Cynthia Rosalie (3 children).
Education: Diploma in Forestry, 1963, Australian Forestry School, Canberra, ACT.
Bachelor of Science in Forestry, 1973, University of Melbourne.

1985 - 1989,
CSIRO Division of Forest Research - Principal Research Scientist
Director, National Bushfire Research Unit
"The National Bushfire Research Unit was a mission-orientated research continued page 2
program within the Division of Forest Research which receive support from CSIRO and outside agencies. The Unit had 7 professional, 6 technical and administrative support staff. The Unit carried out research in 4 main areas, either directly or co-operating with other agencies. These were:

- research into fire behaviour to understand how bushfires spread in the natural environment and develop models to predict the behaviour of fires in important fuel types;

- research on suppression technology to evaluate different suppression systems and define the limits of effectiveness in terms of fire intensity;

- research on fire meteorology to better understand weather phenomena affecting bushfires using numerical simulation and field validation;

- research on management systems using fire behaviour knowledge to develop better and safer bushfire management.

The Unit provided experts to carry out consultancies in these areas. The Unit was incorporated into the Division of Forestry and Forest Products in 1989 as part of internal restructuring within CSIRO."

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Emma Byrne

President
Ian Barnes

Executive Director
Adrian O’Loughlin

The views expressed in this publication and any inserts are not necessarily those of the Editor or the Institute of Foresters of Australia.
Australian National University, Forestry Department (part-time).

Position: Lecturer (part-time),
Supervisor: Professor J.D. Ovington

Lecturing in forest fire control (Unit D17) to third year students studying for the degree B Sc (Forestry). Lecture course included aspects of combustion physics and chemistry, fire weather, factors affecting fire behaviour, detection and fire suppression. The effects of fire including fire ecology and the use of fire in forest management. Lecture course of 18 lectures and 36 hours practical.

Forest Research Institute - In charge of Fire Research sub-section,

Supervisor: H.D. Waring

"Supervised research into the fire behaviour of various fuel types, including dry sclerophyll forests, P. radiata plantations, tropical open woodlands and sugar cane. Supervised research into effects of prescribed burning in a variety of forest types including tropical woodlands, dry sclerophyll forest and alpine woodland. Conducted research into the effects of fire retardants on combustion rates, and the behaviour of high intensity fires in tropical woodlands."

1965 - 1972.
Forest Research Institute, Fire Control Sub-Section - Forestry Officer Grade I

Supervisors: A.G. McArthur, J. Kellow

"Research into fire behaviour and fire control. This included: the development of prescribed burning guides and the application of aerial prescribed burning for fuel reduction in mountain forests; the modification of fire danger rating systems; and, investigations of fire behaviour and damage caused by large wildfires. Equipment development included an evaluation of light aircraft for dropping of fire retardant chemicals and the field evaluation of the effectiveness of fire retardants. Other studies included research into mass-fire behaviour, the detection of fires by various methods including infra-red sensing equipment, and the development of models for predicting spot-fire distribution."

Forest Research Institute, Watershed Research Sub-Section, Forestry Officer Grade 1

"Established a Watershed Research Sub-Section and carried out research into stream turbidity and sediment sources in the forested catchments providing Canberra's water."

Supporting Phil’s nomination was an abundance of information covering numerous representations overseas, consultancies and refereed professional papers and books.
The postal address and phone lines are unchanged but members are asked to note the new email addresses in their Address Books as follows: ifa@forestry.org.au and emma.byrne@forestry.org.au

Financial/Membership issues

During the winter period the National Office is mainly concerned with the renewal of the annual membership subscriptions and the end of year accounts, which are included separately in the Company Annual Report.

Members are reminded that renewal subscriptions are payable on 1 July 2003, so as payments are now well overdue. This will be the last newsletter, Australian Forestry Journal and Report sent to members, if they have not paid their subscriptions by now. So please finalise any outstanding account. Please contact the Member Services Manager (Emma Byrne) if you are experiencing temporary financial hardship, she will work something out for you.

Those members who do not wish to renew are required under the IFA rules to inform the Secretariat of their resignation.

IFA website

Progress was being made on the long awaited redesigned IFA website. John Reed of Ecowood Forest Services P/L has been developing the site under my supervision.

The new site will contain a ‘Members Only’ segment which will allow IFA members early access to information, insurances, job vacancies, and other information and benefits which they will receive as IFA members.

I have taken over the Editorial of The Forester as a cost-cutting measure. In view of the many complements this office receives from members, I do not intend to make any significant changes to The Forester at this time, but I am on the lookout for some advertisements to help pay the increasing costs. Any suggestions? Is your firm interested? See page 8.

J. Adrian O’Loughlin, AFSAE
Executive Director IFA

Welcome to the following new members

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<th>Division</th>
<th>Membership</th>
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<td>Fiona McDermott</td>
<td>Victoria</td>
<td>Associate Member</td>
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<tr>
<td>Daniel White</td>
<td>Victoria</td>
<td>Voting Member</td>
</tr>
<tr>
<td>Robyn Price</td>
<td>Victoria</td>
<td>Voting Member</td>
</tr>
<tr>
<td>Neil Ruegger</td>
<td>New South Wales</td>
<td>Associate Member</td>
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<tr>
<td>Shana Read</td>
<td>Victoria</td>
<td>Student Member</td>
</tr>
<tr>
<td>Simon Ceglinski</td>
<td>New South Wales</td>
<td>Student Member</td>
</tr>
<tr>
<td>Christopher Lee-Steere</td>
<td></td>
<td>Student Member</td>
</tr>
<tr>
<td>Mairead Hayter</td>
<td>Australian Capital Territory</td>
<td>Voting Member</td>
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<tr>
<td>Steven Blake</td>
<td>Tasmania</td>
<td>Voting Member</td>
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<tr>
<td>Andrew McNaught</td>
<td>Queensland</td>
<td>Voting Member</td>
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<tr>
<td>Daniella Walsh</td>
<td>Victoria</td>
<td>Voting Member</td>
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<tr>
<td>David Osborne</td>
<td>Queensland</td>
<td>Voting Member</td>
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<tr>
<td>Sarah Gormley</td>
<td>New South Wales</td>
<td>Voting Member</td>
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<tr>
<td>Stephen Brown</td>
<td>Tasmania</td>
<td>Voting Member</td>
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<tr>
<td>Roger Ambrose</td>
<td>Tasmania</td>
<td>Voting Member</td>
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<tr>
<td>Mark Crouch</td>
<td>Victoria</td>
<td>Voting Member</td>
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<tr>
<td>Rebecca Roberts</td>
<td>Victoria</td>
<td>Voting Member</td>
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<tr>
<td>Kelly Williamson</td>
<td>Australian Capital Territory</td>
<td>Associate Member</td>
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<tr>
<td>Michelle Gilbert</td>
<td>Victoria</td>
<td>Student Member</td>
</tr>
<tr>
<td>Genai Roberts</td>
<td>Australian Capital Territory</td>
<td>Student Member</td>
</tr>
<tr>
<td>Guy Barrett</td>
<td>Queensland</td>
<td>Student Member</td>
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<tr>
<td>Paul Hannola</td>
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AGM & AGM Dinner
The Institute of Foresters of Australia
ABN: 48 083 197 586

Notice of Annual General Meeting
Notice is given that the Annual General Meeting of
The Institute of Foresters of Australia
will be held at Canberra Club, West Row, Canberra City, ACT
on Thursday 20 November 2003 at 5.30 pm

AGENDA

1. Attendance and apologies
2. Minutes of the Annual General Meeting
   held 21 November 2002
3. President’s Report
4. Financial Statements and Audit Report 2002-03
5. General Business

J. Adrian O’Loughlin
Company Secretary
1 October 2003

AGM Dinner Program
(Dinner $36.50 per person incl GST, Drinks not included)
(Student rate: $32.00)
Venue: Canberra Club, West Row, Canberra City, ACT

Drinks
6.00 PM – 6.30 PM (at own cost)

Dinner
6.30 PM – 9.30 PM
1. Brief Presentations by President, Board Members.
2. Presentations of Jolly Medal to Noel Phillip Cheney
For catering purposes, rsvp and pre-payment by Monday 10 November, please.

☐ I will be attending the AGM dinner

Card Holder’s Name: .................................
Card Number: ...................................... Expiry Date: .................
Amount $ ............ Signature: ..........................

☐ I will be attending the AGM only (or please telephone 02- 6281 3992 or email emma.byrne@forestry.org.au to advise of your intention to attend the meeting).
Looks like wood, smells like wood...

The concept of wood-plastics composites (WPCs) is generating keen interest in Australia as new methods of combining the two materials are developed. Increasingly, news on new manufacturing plants and market opportunities in the USA, Europe and other parts of the world is starting to filter in. What's catching the eye of wood producers is the level of growth being recorded with these new materials, the opportunities for diversifying current production and the relatively low entry cost for WPCs.

A two-day conference, Non-wood Substitutes – New Technologies and Opportunities for Growth is being held for the Australian Forest Products industry on 21-22 October in Melbourne. Conference organizer Brent Apthorp says, "technical and marketing expertise from throughout North America will be coming into Australia to outline new WPC processing and product developments and meet with key industry players. More importantly, opportunities for manufacturing or distributing these new products is going to be discussed in detail over the course of the two days".

WPCs are produced using a combination of fine wood fibre mixed with various plastics. With up to 70 percent of WPCs being cellulose, the products turn, drill, sand, saw and plane like wood using conventional woodworking tools. The products can hold fasteners such as nails, screws and staples up to two to four times better than wood, they are extremely water and rot resistant, dimensionally stable, show high impact resistance and can be produced in a broad range of finishes. In terms of cost, the new WPC profiles are already very competitive with finger-jointed pine, complex MDF and particle-board components and PVC-U.

The exponential growth in the market has been well documented. In 2002, natural and wood fibre plastic composites were among the most rapidly growing segments of the building product market. Last year, the combined North American and Western European demand for WPCs was valued at US$775 million according to a recent study on Natural and Wood Plastic Composites completed by Principia Partners. The annual growth in WPCs in North America since 1998 has been 26 percent and the total market is forecast to grow at an average annual rate of 14 percent through the remainder of this decade.

Overall, wood is the predominant material being replaced by WPCs, but other competitive materials include Vinyl, fiberglass reinforced plastics, concrete and aluminum. The interest now being shown by wood producers is intense. Currently, more than 75 companies produce WPC products in North America and Western Europe. In Australia it is early days but already WPC decking is being manufactured along with structural products for bridges.

The larger companies are developing these the new products, however new technologies have also opened the door for smaller businesses. In the last five years for example, over 75 percent of the new start-ups in wood composites in the US have included medium sized, family owned sawmills. WPCs are an attractive option as they are enabling smaller companies to diversify their production, the costs of entry are relatively low and their own waste or bi-product materials can be better utilised.

For further information call the free phone number on 1800 126 398 or contact Brent Apthorp on +64 3 471 0313. Conference details and registration forms are available on www.ffp.csiro.au
Profile – Dr Kerrie Catchpoole

Kerrie Catchpoole has been Secretary of the Queensland Division of the IFA for approximately two years, and Treasurer of that Division for one of those years. She came to Queensland in early 2000 after spending all of her previous years in Victoria; then Kerrie Lang. She completed her Bachelor of Forest Science degree through the University of Melbourne in 1995. This was followed by a PhD study at the same university after being awarded a scholarship to study forest inventory, geographic information systems and their application to forest management. This study was carried out with ForestrySA in Mt. Gambier.

While in Queensland, Kerrie has spent her time working with the Queensland Government’s, Department of Primary Industries (DPI). Firstly, with the Policy Analysis and Industry Development group for a short three-month term, and then with Forestry Research (formerly Queensland Forestry Research Institute) in DPI’s Agency for Food and Fibre Sciences, where she still works today. Here she has been involved with the Cooperative Research Centre for Sustainable Production Forestry (CRC SPF) to develop a decision support system for the management of tropical and subtropical softwood species. The purpose of the decision support system is to link silviculture and wood quality with graded timber recovery and economic value for tropical and subtropical softwood plantations. This role has required a great deal of travel, including software training workshops through central and north Queensland to DPI Forestry staff, and to Hobart for CRC SPF members.

In September 2002 Kerrie was fortunate to be accepted to an IUFRO conference on “Connection between Forest Resources and Wood Quality: Modelling Approaches and Simulation Software” held in Canada, and is pictured here at the University of British Columbia’s Forestry Department. Outside of work and the IFA, Kerrie enjoys spending time with her husband Stephen at their home in Brisbane, where she enjoys gardening, beer tasting, cooking and when possible has time for some fine embroidery.

Kerrie Catchpole at University of Columbia’s Forestry Department

Coming events

<table>
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<tr>
<th>DATE</th>
<th>EVENT</th>
<th>CONTACT</th>
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<tbody>
<tr>
<td>21 – 22 October 2003</td>
<td>Non-wood Substitutes – New Technologies and Opportunities for Growth, Melbourne</td>
<td>Contact inquiries: Brent Apthorp Innovateck Technology and Programme Management Email: <a href="mailto:apthorp@es.co.nz">apthorp@es.co.nz</a></td>
</tr>
<tr>
<td>9 – 11 November 2003</td>
<td>Future Forests and Timber 2003, Sydney</td>
<td>Contact inquiries: Margaret Blackwell, Abacus Management P/L Tel: 02 9983 9330 Email: <a href="mailto:abacus@abasucconf.com">abacus@abasucconf.com</a></td>
</tr>
<tr>
<td>15 – 21 August 2004</td>
<td>XXII International Congress of Entomology: Strength in Diversity, Brisbane</td>
<td>Contact inquiries: Carillon Conference Management P/L Tel: 07 3368 2644 Email: <a href="mailto:matt@ccm.com.au">matt@ccm.com.au</a></td>
</tr>
<tr>
<td>12 – 17 September 2004</td>
<td>A Forest Conscienceness, 6th National Conference of the Australian Forest History Society Inc</td>
<td>Contact inquiries: Ms Janie Binet Tel: 08 9384 1249 Email: <a href="mailto:jcsbinet@hotlinks.net.au">jcsbinet@hotlinks.net.au</a></td>
</tr>
</tbody>
</table>

If you have a Coming Event you would like included please email ifa@forestry.org.au with the date of the event, title and contact details for further information. Alternatively advertising of your event (either as a full page or half page) is as easy as contacting the National Secretariat at ifa@forestry.org.au or telephone 02 6281 3992. Competitive rates available and your Conference event will reach over 1300 IFA members – your target forestry market!
Chinchilla Qld field trip to Cypress Forests

Letter of appreciation sent to Paul Murray, Office of the Director General, Department of Primary Industries, Brisbane Qld 4000

"Dear Paul,

I wish to thank the Department of Primary Industries for its financial support for this important professional activity by the Institute of Foresters, and which involved officers of the Department of Primary Industries, DPI Forests, Agency for Food and Fibre Sciences (QFRI), the Department of Natural Resources and Mines, the Department of State Development, the Environmental Protection Agency (Queensland Parks and Wildlife Service), together with forestry consultants and private industry representatives. Some 35 persons attended the field weekend which was based from Chinchilla and directed towards the Cypress Pine forests in the Barakula area and eucalypt trial plantings east of Chinchilla.

On Saturday night at the formal dinner in Chinchilla, Mr Peter Voller provided a stimulating address on private management of native forest resources, and the continued rapid clearing of native forest on freehold land arising from State acts of omission and commission. His address sparked considerable discussion both at the dinner and the following morning.

The Western Hardwoods are receiving increasing focus from government and industry as the production of sawn hardwood is set to shift more to the west of the Range over the next 15 years. This will stimulate increased attention on plantation development with suitable species in the drier areas of our State, as well as to the continued management of native hardwood and pine forests for a widening range of end uses, including conservation of biodiversity.

The field trip focused, inter alia, on:

a) land clearing and equity issues, especially with regard to the "white areas on the map" that fall outside current government control;

b) the increasing areas of management coordination of native forest resource required of DPI Forests and QPWS, together with potential areas of conflict; fire protection concerns (especially with the cypress pine forests);

c) the urgent need to retain long term silvicultural treatment plots (such as the Redman Plots at Barakula) and native forest growth and inventory plots, irrespective of what eventuates under the Western Hardwoods RFA;

d) the need for recognition by government of the scientific reality that conservation objectives can be met on areas that are subject to periodic harvesting regimes;

e) the need for wider consultation with land owners, industry, and forestry and land use professionals on the Western Hardwoods RFA, especially with regard to the phasing out or scaling down of the annual cut from native hardwood forests;

f) the urgent need for continued and expanded attention to silvicultural and management regimes for hardwood plantations in the slower growing western areas in order to fill the gap in supply from native forests;

g) the continued need for management intervention to protect the production potential of the valuable cypress forests; and

h) the need for separate treatment within the geographic area of the Western Hardwoods RFA of the extensive Cypress Pine areas.

Despite the inclement weather, the weekend was a great success. This was in no small measure due to the excellent planning and support provided by the QPWS (Trevor Beetson) and DPI Forests (Peter Male). Would you please convey our further thanks to Mr Male for the stimulating weekend that resulted from his efforts.

Also instrumental in ensuring the success of the weekend were Ms Cathy Skippington (Regional Service Director, Southern Region QPWS), Mr Keith Jennings (Principal Policy Officer, QPWS) and Dr Kerrie Catchpoole (DPI –QFRI), all of whom are IFA members.

I attach a copy of a receipt from the Club Hotel, Chinchilla, and hereby certify that the entire $800 was expended on the coordination of the Cypress Field Trip Dinner on 16 August 2003 as stipulated in Clause 3.1 of the Schedule to the Contract of 6 August between DPI and the IFA. The original of the receipt has been forwarded to IFA National HQ in Canberra, which maintains IFA corporate accounts. Canberra will pay the $80 GST to the ATO.

The financial contribution made by the State was gratefully acknowledged on two separate occasions over the weekend, including at the formal dinner. Three signs were displayed at the dinner featuring the DPI corporate logo and the nature of its sponsorship to encourage the ecologically sustainable use of forest resources.

Yours sincerely,

(Sgd) Dr Robert Thistlethwaite
Chair, Queensland Division, IFA
27 August 2003"

(A similar letter of appreciation was sent to Mr G. Clare, Executive Director, Forestry & Wildlife, QP&W, Environmental Protection Agency)
"If you knew Fergy like we know Fergy"

The retirement of Dr. Ian Ferguson as Professor of Forestry at Melbourne University was marked by an IFA testimonial dinner on Friday July 4th and with a barbecue and inspection of the VSF Creswick campus on the following day.

Ian and his wife Sandra, their children and partners and his sister Joan were present at University House as more than eighty members and partners at the dinner gathered to record and celebrate his contribution to the profession. Dr Peter Greig as Master of Ceremonies observed that the commitment is clearly life-long as, on the one hand according to Ian himself, he was aware from early school days that he wanted to be a forester. At the later end of a forty-year professional career his move to Emeritus Professor status may mean some reduction in workload but Sandra is under no illusions that he has any intention of actually retiring.

Ian’s daughter Clare spoke with pride of her father’s enthusiasm but explained why she and her sister Heather have never wanted to be foresters. Even before they started school they had been on enough forestry field trips and looked at enough trees to last a lifetime.

Other speakers at the dinner recorded many other examples of his dedication:

Heather Crompton, representing the Institute as immediate Past President, noted that Member No 457 Ian Ferguson had been on the books for forty years, had become a Fellow in 1989 and had received the Jolly Medal in 1994. As National President during 1995-1999 he had forged major changes in the governance of the Institute putting it on a sound modern management framework with a full time business manager. A strategic plan was developed and the Registered Profession Forester Scheme introduced during that time. He was however notoriously difficult to keep up with and some of this had to be done by mobile phone while, although pretending to be on holiday in Bali, he was marking assignments.

Thorry Gunnerson in recording the appreciation of the timber industry thanked Ian for his work as Chairman of the Victorian Timber Promotion Council, his contributions to development for integrated forest production for small saw-millers and exporters, his contributions to forest research through FPRWDC and his signal role in the development of the Australian Timber Industry Certification Scheme. He observed that Ian had over-achieved all three of the best life objectives: to have children, to plant a tree and to write a book.

Dr Brian Turner spoke of his 45 year forestry career he had shared with Ian since student days and particularly of his ability to produce workable solutions in these decades of acute environmental sensitivity and high political profile. He also recorded the success of his efforts in building up the Melbourne University forestry course and expressed his concern that, in an era of cost-cutting, adverse University policy may threaten this achievement. Dr Leon Bren seconded these remarks and added his thanks on behalf of the Melbourne University forestry staff.

Graeme Whyte of Canterbury University spoke of the high quality of Ian’s scholarship, his attention to detail and commitment to numeracy.

Bob Newman recorded the thanks of the Commonwealth Forestry Association President Dr Jeff Burleigh for Ian’s contributions to international forestry efforts particularly through FAO.

Dr Bob Smith recorded an apology from Hon Joan Kirner who asked him to thank Ian for his primary role in developing the Victorian Timber Industry Strategy during her term as Minister of Forests and subsequently Premier.

Gideon Bouro, Commissioner of Forests in the Solomon Islands, also asked to have his apology recorded and to have mention made of Ian’s long standing efforts to obtain sensible and sustainable forest policies in a number of countries from India to the Asia-Pacific both directly and through FAO.

A barber-shop quartet consisting of Peter Greig, Neil Bryon, Hans Drielsma and Peter Sheehan showed previously unrecognised talent when they summarized Ian’s career with a song composed for the occasion by Hans’s wife Nanette (to the tune of "If you knew Susie"):

If you knew Fergie, like I know Fergie.  
Oh, Oh, Oh what a guy There’s none so normal, though not informal What you
see is what you get, no frills or flounces He's professional, straight down the line Every morning, he's at work at five to nine

If you knew Fergie, like I know Fergie. Oh, Oh what a guy If you knew Fergie, like I know Fergie. Oh, oh, oh what a guy He's quite pedantic though not romantic Still it seems some years ago he found the courage Popped the question, Sandra said yes How'd he do it? - as to that you'll have to guess! If you knew Fergie, like I know Fergie. Oh oh what a guy

If you knew Fergie, like I know Fergie. Oh, Oh what a guy There's lots of students who've learned of prudence Through the lectures he has given what a master 'Neath his guidance, no-one could cheat and hordes of foresters, o'er the years have been unleashed If you knew Fergie, like I know Fergie. Oh oh what a guy

If you knew Fergie, like I know Fergie. Oh Oh what a guy There's no reviewer who can be truer To the letter when a thesis comes his way a Bachelor's or Master's or P H D Fergie gives them fairly - "he nearly gave a PhuD to me" If you knew Fergie, like I know Fergie. Oh oh what a guy

If you knew Fergie, like I know Fergie. Oh Oh what a guy I've dug so deeply and listened sweetly But no dirt is there to spoil his reputation Mr Nice Guy, Fergie's our man Fair and Righteous, try to match him if you can If you knew Fergie, like I know Fergie Oh oh what a .......favourless and has no fears Oh oh what a .......what you say? for forty years! Oh oh what a .......when he's gone there'll be some tears Oh oh what a GUUYYY!!

Ian himself, when finally permitted a word, admitted his workaholic tendencies and made some half-hearted promises to reform. He spoke of the intense satisfaction he had obtained throughout his career particularly from seeing students develop and their careers mature. He said that the dominant feature of his career has been the friendships and relationships that have been forged and he has no doubt that these will remain his most enduring memory.

The barbecue at Creswick on the following day was attended by about 20 members including Peter Kanowski who was just back from the Rhodes Scholars centenary in Oxford. Peter presented Ian with a polished Silver Wattle clock made by the CEO of School of Forestry, Creswick, Vic, Peter Shepherd, on behalf of the Institute and the day finished with an inspection of another of Ian's achievements, the recent major new expansion of the campus to accommodate its expanding role in forest products research through the CRC for innovative wood technology.

(PeterSheehan)

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Some benefits in being a Member of the IFA

Some of the many benefits of being a Member of the IFA include:

- email advice of current employment vacancies
- email Bulletin weekly advising members of current events and encouraging an exchange of information in Forestry
- a newsletter every quarter containing up-to-date analysis of what's happening in forestry around Australia and elsewhere
- a quarterly scientific journal – *Australian Forestry*
- the opportunity to apply for accreditation through the Registered Professional Forester scheme
- field days focusing on forestry issues
- a biennial technical conference
- professional development awards
- locally based meetings and activities (State division and regional branch)
- the potential to contribute to the advancement of forestry in Australia through submissions and policy statements
- access to website (with members only access coming soon)
- a Membership Certificate confirming your professional membership
- a tax deduction for your membership subscription
- professional recognition
Awards For Adams

University of Melbourne's Professor Mark Adams, has received a top international award for his research into re-afforestation and restoration of ecosystems.

Germany’s Alexander von Humboldt Foundation will present Professor Adams with his award, of which only ten are granted each year.

“Our research is a step in the successful re-introduction of native tree species and re-afforestation of land previously used for exotic species or other uses such as agriculture,” he says.

“Even though a species may have originally grown on the site, land-use changes, such as land clearing for agriculture, or addition of fertilisers and other chemicals may have changed the dynamics of the environment, often to the extent that species indigenous to the area will fail to establish themselves.

“For example, bluegum plantations planted extensively in Victoria, while not native to the area, are successful because they have access to large reserves of water and nutrients created by the extensive clearing and agricultural management. Had they been planted on land that had been recently cleared they would probably struggle to grow as quickly as they do as the water and nutrient supplies would be far less.”

A second aspect of his research is understanding the natural movement of carbon, water and nutrients into and out of restored forest communities – crucial to future decisions on land-use.

“Carbon budgets, for example, need to be quantified as a requirement under the Kyoto Protocol. The major need is to reduce the uncertainties in the estimates currently used to ascertain the amount of carbon stored or released by vegetation at various ecological stages of growth.”

Launch of Vocational Mentoring Program at Creswick

The University of Melbourne’s 2003 Career Mentoring program was given a regional launch recently, establishing new partnerships between forest science students and workplace mentors.

A forum of forest industry mentors and students discussed the challenges of navigating a career and how mentoring expanded their career options and improved their employment prospects.

The program, an important and practical initiative to support undergraduate students develop their careers, was launched at Creswick by Institute of Land and Food Resources Dean, Professor Bob Richardson.

The scheme matches established professionals and postgraduates with students to share their first-hand knowledge of life in the work force, enabling the students to network while discovering the practical realities of working life.

Coordinator of Career Mentor Connection Ms Liz Everist says career mentoring offers the opportunity for students to broaden their perspectives on their careers, learn and practise work-related skills, and to make contacts in a range of fields – not necessarily the ones they originally had in mind.

“Employers need graduates with industry knowledge, so the advantages are mutual,” she says.

“The mentor program can act as a way of decreasing the shock of leaving university and beginning work in the real wide world,” Ms Everist added.

Further information on the University’s Career Mentor Connection service is available at http://www.services.unimelb.edu.au/cmc/
The Upper SE Region Salinity and Flood Management Plan

(Notes from a presentation by Roger Ebsary, Project Manager, to a recent meeting of the Adelaide Branch of the IFA)

Roger, based at Keith, S.A., is a professional engineer. He gave a well-balanced, informative talk, full of facts but lightened with several anecdotes. These illuminated some of the controversies he had encountered in the eight years since he had begun to implement the plan, in 1995. Many controversies arose from conflicting objectives of land-holders for use of their land and of conservationists for wetlands. Others with conflicting local needs and needs of properties downstream of natural or drainage needs to be implemented. Closer examination of the salinity and flood management infrastructure had led to beneficial extension from original plans but these added to costs. He began by providing an outline of the region and its geographical features, indicating the nature of the problems that has led to a focus on salinity and flood management, as the primary needs.

The Keith – Naracoorte Highway in the east, and the coast west of the Coorong, borders the area under the plan. The topography is a coastal plain at the foot of elevated land to the east. It comprises roughly parallel series of dune and swale systems running parallel to the highway. The regional water table is shallow across plain fed from deeper levels under the higher ground extending into the Bordertown area and Western Victoria. It flows in a west-south-west direction. Natural surface drainage on the interdune flats, however, is to the north-north-east.

The flats have a tendency to flood in part most years. Two flats, which have extensive wetlands, flood most years. Heavy rains east of the plan area can contribute flows that augment local flooding. The area under the plan is 680 000ha of which 100 000ha is under native vegetation, most retained from the clearing and land-use development, relatively recent, originating in the 1950s. Most impetus for this late closer settlement came with the discovery of remedies for trace element deficiencies by CSIRO after World War II, and the AMP Settlement Scheme supported it. There are 430 farms in the area grazing sheep and cattle. The area currently salinized is 250 000ha and the area at risk from salinity and floods, if no improvement had been made is 175 000ha.

The conservation of native vegetation has had problems. Whilst blocks protected by Heritage Agreements remained intact, during the last 25 years native vegetation outside had suffered losses of 20%, scarcely balanced by revegetation planting schemes. Lucerne, a deep-rooted fodder plant was preferred by the original farms, with over 400 000ha sown down, but this was wiped out in one season by an aphid. This catastrophe probably instigated the appearance of salinity problems. Dryland salinity was first observed in the 1980s. Big floods were recorded in 1980, 1988 and 1990-91 and each caused the watertable in the plan area to rise above normal levels.

Between 1992 and 1995, The Minister for Water Resources instigated the development of Community-based management plans. After considerable community consultation, these were refined and approved by Cabinet when they met the EIS requirements under the Development & Planning Act, and subsequently received approval by the Federal government. The Plan has four key elements:

A. Flooding – improve management of surface water flows and allow surplus water of good quality to be used to improve wetlands, some of which were in Conservation Parks recognized under the Ramsar Agreement.

B. Co-ordination of drainage. – seen as a logical extension of the Lower SE Drainage Scheme with outlets into the sea and into the Coorong. Great controversy had arisen over whether the drains should be shallow or deep. Deep drains were liable to tap into saline groundwater and reduce the availability of fresh water. On the other hand, saline drainage was seen as liable to dilute the hyper-saline waters of the Coorong.

C. Pasture management – benefits would accrue with the development and wider use of salt-tolerant and perennial species.

D. Revegetation – seen as desirable, but how much? Originally cited as 20% of the plan area. Latest ideas suggest it should be 80% to add to natural biodiversity values and reduce recharge to the regional watertable. If the management plan is applied to areas outside National Parks, revegetation of 100 000ha has been judged too costly. At present, revegetation plantings, even with 100% cost of fences available for designated areas, are not popular, nor do they recompense the loss from attrition and illegal removals.

Drains: The initial proposal was for 430km of drains. Closer inspection has raised this extent to 660km, mainly by adding branch feeder drains in the upper reaches, needed to collect the occasional, but serious, surplus flood water from the Bordertown area to the east. To date 255km have been dug, and the design work is almost finished. All drains are expected to be in operation by 2006.

Wetland Management: Each interdune flat has well-established wetlands and swamps in their western extremities and if drains are located too close, they can be seriously damaged or destroyed if they lose impacts of a high watertable. A consequence of the plan has been a move to have the whole Upper SE designated as a Ramsar site by linking the wetlands on feeder routes with linear corridors.

The Aims of the Plan:

• Increase economic returns to landholders and the community. If nothing had been done, a 40% decline in stock carrying capacity was anticipated.

• Development of saltland agronomy.

• Protection of remnant native vegetation and ecosystems.
• Provide opportunity to re-use surplus good quality water to benefit existing native vegetation.

On-farms works have cost $26M. Revegetation has been funded under the National Heritage Agreement, but this approach, intended as ‘seed money’ for ongoing planting has not eventuated. Main drains have been made 2m deep and their ‘zone of influence’ id 1.5km in this region. Some interdune flats are only 2km or less wide and this can lead to fears of over-draining.

Funding has been very contentious, with the government expecting the Upper SE community to meet 25% of the cost. An acceptable approach to collection of levies has finally been achieved through the establishment of a Catchment Board with responsibilities extending eastwards to the Victorian Border. Four zones have been recognized depending on the extent to which parts of the catchment contribute to the problems, and consequently, the extent of benefits that works assist the local land holders. The aim is to apply levies over a 6-year period to meet 25% of the costs of works under the plan. Annual rates decrease from $2.24/ha in Zone A, through $1.07/ha and 54c/ha, to 11c/ha in Zone D. A further $49M is needed to complete the project. The Commonwealth authorities have imposed conditions on the grounds of biodiversity and ecological needs; this has blown the budget from $0.8M to $54M. This has placed a further burden on the local community to raise $11M and there has been strong opposition to this impost.

An audit of progress has shown some real achievements and some shortfalls: Agroforestry targets have been exceeded by 49% with over 1250ha developed, and fencing of Heritage Agreement areas is on target. However, wetland protection has only reached 53% of target. Roger finished with a set of aerial and surface photographs illustrating the location and design of drains.

(Notes prepared by Bob Boardman)

Membership subscriptions 2003-04 are now overdue

Members fees were due to be paid on 1 July 2003. Have you paid your renewal yet? If not, please contact Emma Byrne at the IFA National Office on 6281 3992 to arrange payment by credit card (Visa, Mastercard and Bankcard accepted). Alternatively please fax your credit card details to 02 6281 4693 or send a cheque payable to IFA. If you have a temporary financial problem, or you have not received an invoice, please email emma.byrne@forestry.org.au

Members not wishing to renew are obliged to inform the National Office of their resignation.
ANU Forestry Graduate Student Research 2003

In the last edition of *The Forester*, we reported forestry-related Honours theses completed last year in ANU’s School of Resources, Environment and Society. In this edition, we report on completed PhD and Masters’ theses, and current PhD research topics. Abstracts of completed theses, and descriptions of current projects, are listed in the SRES 2003 Yearbook, available free from the contacts above, or downloadable at http://sres.anu.edu.au.

Five forestry-related PhDs were accepted in the past year or are currently in the final phase of examination:

- **Rico Cabangon** – Flexural viscoelastic properties of wood-wool cement board.
- **Peter Ellis** – The aerodynamic and combustion characteristics of eucalypt bark – a firebrand study.
- **Dominic Kain** – Genetic parameters and breeding strategy for the *Pinus elliottii* var. elliottii and *P. caribaea* var. hondurensis hybrid in Queensland, Australia.
- **Chris O’Hara** – The availability of P associated with different fractions of organic matter in Australian forest soils.
- **Doug Somerville** – Availability, quality and distribution of floral resources used by honeybees in NSW.

Two Master of Environmental Science major essays were completed on forestry-related topics:

- **Annabel Kater** – Managing the privately-owned dry coastal eucalypt forests of the Hunter Valley.
- **John Mosoro** – Auditing logging operations to promote sustainable forest management in PNG.

There are currently 20 PhD or MPhil students at varying stages of their thesis research:

- **Hidayat Alhamid** – Indigenous forest management in West Papua – a comparative study.
- **Auro Almeida** – Application of a process-based model for predicting and explaining growth in Eucalyptus plantations.
- **Matthew Brookhouse** – Dendrochronological reconstruction of climate and streamflow in the Cotter River catchment.
- **Nicolette Burford de Oliveira** – Enviro-political identities expressed in the talk of young people from riverine forest communities in Para, Brazil, and their relevance to forest and land reform processes.
- **Andrew Deane** – Changing stand structure and the consequences of silviculture in White Cypress Pine forests.
- **Peter Deane** – The weakest link: environmental value and its influence over private forest use in SE NSW.
- **Sue Emmett** – The effects of soil properties and management disturbance on native earthworms in wet eucalypt forest ecosystems.
- **Houshang Farabi** – Planning for minimising impact of forest operations on soil erosion and water quality.
- **David Forrester** – Dynamics of mixed species plantations.
- **Martin Golman** – Determining the optimum landuse option in the context of the April Salumei forest area, PNG.
- **Ingo Heinrich** – Dendrochronology of the Australian red cedar in Eastern Australian rainforests.
- **Bandara Kangane** – Genetic improvement of *E. grandis* to improve solid wood product value.
- **Ernst Kemmerer** – Optimal thinning sequences for solidwood products in eucalypt stands.
- **Karen King** – Simulating the effects of anthropogenic burning on patterns of biodiversity in landscapes.
- **Rassoul Mahiny** – Cumulative impact assessment for mitigating and prioritising enhancement measures in remnants of vegetation.
- **Chris McElhinny** – Forest and woodland structure as an index of biodiversity.
- **Daju Resosudarmo** – The politics of forest management in decentralising Indonesia – will power sharing work?
- **Catherine Simpson** – relating the spatial patterning, structure and biological diversity of dry sclerophyll forest using remote sensing.
- **Rob Waterworth** – The distribution of carbon and nutrients in the stemwood of *Pinus radiata* under differing environmental conditions.
- **Eddie Webber** – The dynamics of carbon sequestration in coarse woody debris in Eastern Australian forests.

Each of these projects is undertaken or supervised collaboratively with external partners – principally CSIRO, State forest and natural resource management agencies, regional and community organizations, or relevant partners internationally - and we thank all of those partners for their goodwill, assistance and support, which is essential for our students’ work.

HOSTING EMAIL DISCUSSION LISTS FOR THE INSTITUTE OF FORESTERS OF AUSTRALIA

THE FORESTER
Employers Notice Board

Looking for new forestry staff?

The Employment Register of the Institute of Foresters of Australia (IFA) is an ideal way of informing professional foresters of employment and consultant opportunities with your organisation.

IFA has 1300 members who have excellent skills and experience in the forestry profession. Our members work in a range of forestry areas and occupy positions at all levels. IFA also has student members who are undergraduates and post graduates of forestry degrees.

Notices of vacancies remain on the Employment Register until the closing date for applications has expired. The information is available to all IFA members who contact us for employment opportunities.

For no extra charge, your advertisement is circulated to over 960 of our members who have access to email.

Cost: The cost of registering with the Employment Register is just $350 including GST. Student work experience placements are registered and promoted at no cost. We are happy to invoice employers, simply advise us where to send the tax invoice.

Advertisements should be no longer than 1 A4 page in Word 6, RTF, PDF format and 70 KB in size.

If you have any enquiries, please contact:
Emma Byrne
Member Services Manager
Ph: (02) 6281 3992
Email: ifa@forestry.org.au

We hope to hear from you soon!

United Nations Forum on Forests- Geneva Conference

The United Nations Forum on Forests (UNFF) is the principal forum for progressing international forest policy issues and for enhancing co-operation for improving the management, conservation and sustainable development of the world’s forests. It was established in 2000 and has a five year work program and action plan based on 16 important program elements. The main role of the UNFF is to facilitate the implementation of the substantial body of Proposals for Action that had been agreed at the Intergovernmental Panel on Forests (IPF) and the Intergovernmental Forum on Forests (IFF) between 1995 and 2000. Australia participates in the UNFF through Commonwealth agencies (particularly AFFA) and a representative from the State/Territory forest agencies.

The third session of the United Nations Forum on Forests (UNFF-3) was held in Geneva during late May early June 2003. Australia was represented by a delegation of four people, including for the first time a youth representative – Amy Davidson from Melbourne University. The UNFF-3 agenda included policy dialogue, reporting on progress with implementation of three program elements, multi-stakeholder dialogue, format for the preparation of voluntary country reports and resolution of the terms of reference for the three expert groups.

Some important agreements were reached at UNFF-3, notably the terms of reference for the UNFF expert groups on: Monitoring and Reporting of Progress; Finance and Transfer of Environmentally Sound Technologies; and the Development of the Parameters for a Legally Binding International Agreement on Forests. The format for the stakeholder dialogue was improved on the one used at UNFF-2 and stakeholders were able to more effectively contribute their views before the deliberations on each program element. The policy dialogue on the three substantive elements was somewhat constrained by the lack of developing countries present and the presence of many new personnel in some important delegations such as Brazil and Japan. Despite valiant efforts by Australia and some other countries to avoid repetition, much of the language in the report text is very similar to previous deliberations. Specific outcomes from each substantive element are given below:

Economic Aspects of Forests

The major lessons related to the importance of accurate valuation of goods and environmental services provided by forests, as well as the need for effective forest law enforcement and governance as well as enhancing private sector investment in sustainable forest. Countries are urged to take action on domestic forest law enforcement and illegal international trade in forest products, remove tariff and non tariff barriers to trade in sustainably produced forest products, foster the development of small and medium forest industries and foster greater involvement of women, indigenous people and local communities in sustainable forest management.
Forest Health and Productivity

The discussions were broad including air pollution, climate change, wildfires, pests and diseases, water cycles, forest fragmentation, invasive alien species, overgrazing and drought. The major lessons related to the benefit of sustainable forest management in maintaining healthy forests, the importance of proactive national fire management and forest health strategies and the need for additional research and data collection on factors affecting forest health and productivity. Countries were called on to develop forest (health) protection and fire management strategies within their national forest programs, to pursue integrated approaches to forest health and productivity in the context of sustainable forest management and to continue to strengthen research and gather data on forest health.

Maintaining Forest Cover to Meet Present and Future Needs

The major lessons related to the importance of forest sector planning at the national, regional and global levels, together with the implementation of national forest programs and criteria and indicators for sustainable forest management. The role of plantations in restoring degraded land as well as the need to involve major groups and secure land tenure for indigenous people and local communities were all seen as important factors related to maintaining forest cover. Countries were called on to strengthen cross sectoral cooperation and coordination and efforts to combat desertification and forest degradation, to integrate criteria and indicators into national forest programs as well as to assess long term trends in supply and demand for wood and non wood products. Countries were also encouraged to promote afforestation and reforestation efforts and ensure that plantations are established in accordance with sustainable forest management principles without adversely affecting forest cover or composition. A special mention was made of the importance of education and capacity building programs for youth to promote their involvement in maintaining forest cover.

Over the past year, Australia has worked with the World Bank’s Programme on Forestry (PROFOR) to produce a booklet summarising the IPF/IFF Proposals for Action. This work builds on previous work undertaken by Australia by summarising the 270 IPF/IFF proposals for action and aligning them with the 16 UNFF Program Elements as well as the forest work program of the Convention on Biological Diversity. The booklet which was launched at UNFF-3 also includes a methodology for conducting national assessments of the implementation of the proposals for action.

This work is well regarded by other countries because it presents the considerable body of negotiated Proposals for Action in simple language, thereby facilitating a better understanding by those that need to implement them.

The outcomes from UNFF-3 indicated that Australia is highly regarded in this international forum because of its practical contributions to both policy dialogue and the development of important implementation tools such as the Australia/PROFOR booklet. Australia also gained considerable support for its proposals for a mechanism to facilitate assessment and implementation of the IPF/IFF proposals for action in developing countries. Australia will need to remain active in the UNFF process until UNFF-5, particularly in monitoring and reporting of its progress with implementing the IPF/IFF Proposals for Action and engaging in the work related to review of the international arrangement on forests.

Tony Bartlett
Australian Delegate
United Nations Forum on Forests

Carbon Accounting in Forests – Proceedings available

A proceedings on "Carbon Accounting in Forests" based on an international workshop held in Canberra in February 2003 has been prepared by CSIRO.

The book contains the following papers:


Copies of the proceedings are downloadable from:

For further enquiries contact
Trevor H. Booth CSIRO Forestry and Forest Products
Tel (02) 6281 8259
(Internat. +61 2 6281 8259)
www.ffp.csiro.au/pff/species/
Obituary - Philip Herbert Barrett

Phil Barrett died in Perth in July 2003, aged 89. Following his graduation from the Australian Forestry School in the late 30s, he was employed by the Western Australian Forests Department and served there for the rest of his career.

Phil’s career with the Forests Department saw him serve many years in the Goldfields where he continued the pioneering work started by George Brockway in classifying the vast areas of Savannah woodlands and establishing the eucalypt arboretum in Kalgoorlie.

His next move to the karri forest in Manjimup was a marked contrast in working conditions. I can find no record of his forestry achievements there, but do know that he excelled at Aussie Rules football and as a single figure golfer.

A lecturer shortage during the war saw Phil do a stint of lecturing at the Forestry School in Canberra, but I know not in what subject or subjects.

Phil’s final years in forestry were spent in the Perth head office as Utilisation Officer where he was the front man for public inquiries and managing the business end of the several departmental pine and hardwood sawmills.

Phil Barrett was a thorough gentleman, unassuming, hardworking, and a very dedicated professional forester. He was a single man until retiring at the age of 59 and marrying his long time friend Dordie.

He had two separate dedicated careers - both of 30-odd years.

Farewell to a good friend and colleague.

Phil Shedley
Email: pshedley@iinet.net.au

Obituary – Walter (Bill) Bryan, FIFA

In mid 1970 a strange ritual occurred on the ground floor of the W D & H O Wills building in Ann St, then Head Office of the Queensland Department of Forestry (now part of the enlarged Anglican cathedral square). The ‘aquarium’, the spacious office of the Officer-in-Charge, Harvesting & Marketing (O/C H&M) and so named because of the then unusual feature of a full glass partition wall, was steadily filled over the space of a week to overflow with hundreds of TSMa (Timber Sales Memoranda) files. By the time the team of ‘junior’ and ‘temporary’ (some with 20+ years of continuous service!) clerks had finished their exertions not a glimpse of the new occupant could be observed. Ron Whale had arrived. He loved to be buried in files.

Walter (Bill) Bryan, the previous occupant and with six years less service, was promoted upstairs to Deputy Conservator of Forests. Bill did not collect files. Young foresters took note of these doings.

Bill was born 13 March 1921 and commenced his forestry studies at the University of Queensland in March 1939. He joined the RAAF but was invalided out and served in a camouflage unit in the Darwin area. He resumed studies at the Australian Forestry School in Canberra at war’s end and graduated at the end of 1946. There he met his wife Megan. They had four children – Richard, Rosemary, Diana and Angela.

A stint as a research forester at Imbil was followed by a District Forester posting to Warwick and then to Brisbane as Senior Inspector. A final field posting on equal transfer as District Forester Atherton before he returned to Head Office for good as O/C H&M. Bill followed Cec Haley as Conservator of Forests in June 1975 and retired in March 1980.

Bill Bryan had the good fortune to be in senior management during the major plantation expansion phase funded through the Commonwealth Softwood Agreement Act. When he became Conservator the planting reached an annual peak of 5460ha. On his watch the infamous auction sales of native forest timbers were replaced by allocation quotas, the National Parks Branch was hived off after 67 years into a separate Service, major freeholding of timbered crown lands reduced to a trickle, mechanization of most aspects of forestry practice including pruning was completed, plantation removals exceeded that from native forests and grew exponentially, final crop sales from the plantations were initiated. Bill personally championed the introduction of Organisational Development programs into the Department with positive results.

Bill Bryan was recognised by his peers as a robust, logical defender of Forestry particularly within a sometimes antagonistic political culture, dominated by agricultural and land development interests.


Bill Bryan died on the 13 April 2003 aged 82 years and 1 month.

Gary Bacon and colleagues

It’s not what your Institute can do for you but what you can do for your Institute...

Volunteers on State/Branch Committees are always welcome.
Assessing pest and disease damage in eucalypt plantations

The Bureau of Rural Sciences, Canberra, ACT, has published a manual to help with assessment of pest and disease damage in eucalypt plantations. The Natural Heritage Trust funded the publication. Christine Stone and Angus Carnegie (State Forests of New South Wales) and Mamoru Matsuki (Cooperative Research Centre for Sustainable Production Forestry) led the research on which it is based.

Pests and diseases can be major problems in young eucalypt plantations. Plantation managers tend to use descriptive assessments of pest and disease damage. Descriptive assessments cannot be used to monitor damage objectively and assess the effectiveness of control. The manual uses a technique that produces a statistical measure – the Crown Damage Index – that overcomes that limitation.

Plantation managers and forestry researchers can use the Crown Damage Index to:

• monitor pest and disease damage to determine whether treatment is required
• undertake benefit/cost analysis of treatment
• monitor research trials
• provide a basis for assessment of compliance with environmental management systems and similar monitoring and reporting requirements.

The manual is designed to be used with a worksheet for data entry. Information on obtaining the manual and worksheet can be found at the National Forest Inventory web-site www.affa.gov.au/nfi

Feed-back to BRS from people who use the manual and spreadsheets is welcome and will be used to further develop the procedure.

Mark Parsons

More Medals to IFA Members

When the awarding of Australian Centenary Medals was included in the June 2003 issue of the Forester, the Editor was aware that there was a possibility that some other esteemed members of the Institute may also have been awarded the Australian Centenary Medal.

Two members have come forward and humbly advised of their recognition.

Don Spriggins was awarded the Medal for "service to the forestry profession, management and policy development" and Dr William Hillis received the Order of Australia Medal (OAM) and Australian Centenary Medal for "services to the development of wood science and forest products technology".

Congratulations Don and William.

Don Spriggins

Winners of the two IFA Professional Development Awards!!

Congratulations to the following Members who have each won $500 to use towards their Continuing Professional Development. The winners can use their award to increase their professional forestry library, attend a relevant conference, training course or another relevant activity of their choice.

Julia Kyle, a Student Member of the ACT Division, was the winner of Draw One for renewing her membership subscription before 31 July 2003.

Tim Shute, a Young Professional Associate Member of the Tasmania Division, won Draw Two for paying his membership renewal by 30 August 2003!

Thank you to all members that paid their renewals in time to be entered into the two draws.
Registered Professional Foresters (RPF) applications increase

The Registered Professional Forester Scheme has been boosted recently by the approval of 5 new applications by the RPF Registration Committee. Details are included on the IFA website www.ifa.unimelb.edu.au.

The new approved Registrants are: David Ryan (NSW), Gerry Cross (Vic), Peter Devonshire (Vic) and Peter Shepherd (Vic) and Don Spriggins (WA). Other applications are being processed at the time of going to print.

Each approved applicant has received a Certificate of Registration and a Citation summarising their areas of expertise that has been recognised under the RPF scheme.

**David Ryan** has been recognised as having a high level of expertise in the nominated area as a ‘General Practicing Forester’ which includes skills, knowledge and experience as a consulting forester.

**Gerry Cross** has been recognised as having a high level of expertise in the nominated area as a ‘General Practicing Forester’ which includes skills, knowledge and experience in harvesting techniques, forest engineering, valuations, marketing of forest products, native forest management and certification of forests.

**Peter Devonshire** has been recognised as having a high level of expertise in the nominated area of ‘General Practicing Forester’ including skills, knowledge and experience in harvest & marketing, road and agro forestry, forest planning and management, code of forest practices for timber production (Vic) and inventory.

**Peter Shepherd** has been recognised as having a high level of expertise in the nominated area of ‘General Practicing Forester’ including skills, knowledge and experience in forestry education and training, organisation capacity building, business management and strategic planning and forestry based competency training systems.

**Don Spriggins** has been recognised as having a high level of expertise in the nominated area as a ‘General Practicing Forester’.

The flow of applications now streaming in for approval is a recognition by members that their professionalism needs to be recognised by their peers. Professionalism is no longer just a matter of graduating with a bachelor degree and expecting that prospective employers and clients will accept that as being sufficient.

One of the most often questions asked of me as Executive Director of a professional organisation is "what is a professional?" My response is, that a ‘professional’ is a person who, on graduating with at least a Bachelor Degree from University, undertakes continuing professional development, practices professional ethics and is a member of a professional organisation. Anything less is not ‘professional’.

(J. Adrian O’Loughlin, AFSAE)
Professional Indemnity & Public Insurances

The Institute of Foresters of Australia is pleased to inform members that it has renewed its arrangement to continue with IARM insurance brokers for the following Professional Indemnity Insurance arrangements to be available to IFA members.

This additional ‘member service’ comes at a time when Insurance premiums are not only increasing but also when adequate insurance cover is becoming increasingly difficult and is arranged specifically for member of the IFA.

(Note: The following information is contained in a letter to IFA from IARM Broking Services Pty Ltd. Some wording, not affecting the substance of these Policy Proposals, have been intentionally deleted by the Editor)

Proposed Scheme for Professional Indemnity - ONLY in respect of Members of the Institute of Foresters of Australia.

We have received firm acceptance of our proposals from Lloyds, which will allow all members to be included within the proposed scheme. The terms of this arrangement are:

Management
IARM as a division of I.U.S. Broking Services Pty Limited will undertake administration of the scheme in our capacity as Licensed Insurance Brokers.

Notification to Members
IARM, with your association’s authority can handle all inquiries from your members, issue proposal forms for completion by each participant and subsequently confirm cover and terms and conditions in accordance with the underwriter’s guidelines.

Period of Cover
It is recognized that each member or corporate entity may have existing professional indemnity insurance falling due at varying times in the year. The initial period will attract a pro rata premium for the period from commencement up to the common anniversary date of the scheme. Thereafter all members will be invited to renew for a full twelve-month period.

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These premiums will not change for fees up to approximately $150,000 p.a; however each application will be individually rated from the information stated within the Application.

A Master policy will no longer be issued; each insured will receive a Policy Document supported by a Tax Invoice for their individual records.

This insurance is arranged on a ‘Claims made’ basis and as such the policy will respond only to claims made against the insured and reported to the underwriters during the policy period.

The policy will not cover the insured against claims or claim circumstances of which the insured are aware at the commencement of the policy nor will it respond to matters not first reported during currency.

| Insurers have agreed to delete all reference to the previous valuation exclusion upon confirmation that any business activities in this respect be deemed forestry appraisals and official valuations conducted by a licensed valuer. |

The issue of Prospectus related activities has been approached in a different manner to previously, with the onus now being on the Applicant to provide a far more comprehensive description of their business activities, hence the introduction of the additional page to the application form.

Once again we reiterate our repeated advice that when quoting from a source e.g. ABS, always state the source to support your statement.

Public Liability insurance
The Insurer is pleased to advise that once again we have successfully negotiated very favourable renewal terms, this time under a single Master Policy with individual Tax invoices to members and a Certificate of Currency to evidence cover.

<table>
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<th>Limits of Liability</th>
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Premium Funding
To allow IFA members better control of their cash flow, we offer Premium Funding with an initial deposit and nine equal monthly deposits thereafter.

Geographical limits
Within the Commonwealth of Australia and New Zealand.

Security
100% QBEMM

Refer enquiries to John Lee, IARM Broking Services Pty Ltd PO Box 6215, North Sydney Shopping World NSW 2060 iarm@ius.com.au Ph: 02 – 9922 1682 fax: 02 – 9954 1750.

Refer also to IFA website www.ifa.unimelb.edu.au for Proposal Forms and further information.
Summary of email Bulletins distributed since the previous issue of The Forester

Employers Notice Board – circulated advertisements as follows:


Bulletin Notices included


Register your email address!!

The National Office is aware that some members do not want to receive IFA email Bulletins electronically. This preference is respected.

However, the email Bulletin is the cheapest and quickest way that we can provide you with up-to-date information on job vacancies, new members services, current issues, etc. The above summary illustrates the information you are missing out on. It is a quick moving world and electronic information is now the predominant means of communication amongst the membership.

Some retired IFA members may not be aware that most local library services provide a free email service. By registering with your local Library, you can access your email on a once weekly basis - for free!!

The National Office closely monitors email Bulletins to ensure that they are short, concise, to the point and large downloads are avoided. Email Bulletins are normally issued on average of one per week and therefore are not overly intrusive on members.

Members are asked to consider their position and if they wish to be placed on the email list, then please contact the National Office (Ph: 02 - 6281 3992) or email: ifa@forestry.org.au

A voice from more enlightened times

"The Gifts of the Forest"

[The following was prepared by the Made in Australia Council, 312 Flinders Street, Melbourne; and issued as a supplement to The School Paper (No. 348, Grades VII and VIII) under the authority of the Minister of Public Instruction, Education Department, Victoria, August 1, 1929. The price was 1d]

"Look around you," said the teacher, "and tell me what you see of the gifts of the forest." "I see, sir," replied a boy, "desks and forms, ceilings and floors, walls and mantelpiece that were once part of living trees. I see pen handles and rulers, window-frames, picture-frames, a bottle of gum, a bottle of ink, and the log that burns in the fireplace."

"And you Mary?" "I see books and a newspaper made of wood pulp. I see the cotton pinafores the girls are wearing, and I believe some of the dyes came from trees." "Yes," said the teacher, "there is a tree-cotton grown in Queensland, but most cotton is got from the seed-pods of a shrub.

"Jack," he went on, "your uncle is a farmer. What has the forest done for him?" "It has given him, sir, fences and sheds, axe-handles, pick handles, wagons and drays, a house and furniture."

"Alice, in your father’s grocery store are there any gifts of the forest?" "Oh yes, sir, tea and coffee and chocolate, sago and nutmeg, pepper and spice and honey, boxes and casks and crates, counters and shelves." "Just so," said the teacher, "and some of these may have come in wooden ships that the sailors moored to wooden piers by hempen ropes. The goods may have been brought from the port to the city by a train that ran over wooden sleepers, and may have been carried about town in a wooden lorry over roads paved with wooden blocks.

"Your father, Ann, has a chemist’s shop. Does it hold any products of the forest?" "Eucalyptus oil, sir, senna leaves, bitter aloes, cinnamon bark." Faces grimaced and then brightened.

"These may be useful gifts," replied the teacher, “but tell me of some that serve us in our sports.” At once a medley of
answers arose — "Cricket bats, hockey sticks, tennis rackets, billiard cues, swings, oar blades, gun-stocks, croquet mallets, cards, draughts, chessmen, wattle bark to tan leather for cricket balls and footballs."

"It seems, then, we are under considerable obligations to our friends the trees," remarked the teacher with a smile; "but what you have told me concerns only things that can be bought and sold. Yet a true friend may offer concerns only things that can be bought and sold. Yet a true friend may offer unseen gifts, which are sometimes above price. Your parents give you their love, for instance. Do the trees offer any of these things?" The answers came more slowly. "Shade and shelter for our comfort," said one of the boys. "Beauty and music and fragrance for our delight," said a girl. "You are right," said the teacher, "and you might have mentioned the tempering of our climate, the enrichment of the soil, the purification of the air. Another great gift is the storage of the rainfall and its steady release to the rivers and creeks. Were there no forests on our hills, the waters would come tearing down the hill-sides, carrying the soil away and forming floods that would swell the streams on the plains, wash away bridges, and submerge the towns. There are no floods in forest country because the rain, when it falls, is held by the roots, the leaves and the forest floor, so that only gradually does it find its way down to the water-courses. This is perhaps the forest's greatest service to man: it prevents floods and therefore hinders the erosion, or gnawing away, of the good soil on the foot-hills and flats.

"Now we shall have a talk about Australian trees in particular. Into what two main classes would you divide them?" "High and low." Said one boy. "Green and dry," said another. A third, more thoughtful, answered, "Hardwoods and softwoods."

"The last answer was probably the best," said the teacher, "though it is difficult to draw the line: some hardwoods are not so hard as others, some softwoods not so soft. I may tell you that the chief Australian timbers are hardwoods, and a great many of the hardwoods are eucalypts. The list is a very long one, and it is not of much use to you to learn names alone: you should see and handle the timbers themselves. Peter, you attend a woodwork class. What Australian hardwoods do you know?"

"Ironbark, sir, useful for bridges and beams; mountain ash for house-building; red-gum for fence-posts and street paving; grey-box and blue-gum for poles and props for wheelwrights' work; stringy-bark that splits easily into fence-rails, palings and shingles. I mustn't forget jarrah and karri, that grow in Western Australia." "Yes" said the teacher, "and all these hardwoods, when seasoned, make the loveliest furniture. Artists in woodwork almost weep to see them put to such coarse and common uses as making posts and fences.

"And now, what of the softwoods?" "They are chiefly pine and cypress — Moreton Bay pine (or hoop pine) for packing-cases and butter-boxes, Murray pine that resists the white ants, New Zealand kauri for school desks, Huon pine for bedroom furniture and oar-blades."

"Are there not certain timbers of specially beautiful grain? Tell us about these, Peter." "There is nothing better, sir, than our figured blackwood, which takes a very high polish. Then we have rosewood, red bean, silky oak, and the roots that silly people burn."

"Without doubt," said the teacher, "Australian hardwoods are the finest in the world. The pity is that we have such a small forest area. The great Australian bush that people brag about is mainly a myth. Of the total area of the Commonwealth, only one and one-quarter per cent is forest-clad. But Sweden is 57 per cent forest, Austria 37, Russia 38, the United States 24, Germany 26, France 19. How can we make matters better?"

"Don't we have laws, sir, to keep people from wantonly burning and wasting the timber?" "We have," was the reply, "and no decent person should grumble if these laws are made more and more stringent. Careless people who allow bushfires to start are robbing their own country. The best thing to rely on is, however, not severe laws, but an enlightened public opinion. Now what plans would you suggest for extending the forest area?"

"Have more forest reserves proclaimed," said one of the pupils. "Replant the areas from which timber has been cleared," said another. "Plant trees on the open inland plains," said a third. "Make every landowner start a tree plantation," said a fourth. "Have more school plantations," remarked a fifth.

"The last suggestion comes home to us," said the teacher. "We shall certainly try to have a plantation near our school. Meanwhile, I advise you all, as coming Australian citizens, to interest yourselves in Australian timbers. Visit the State forest nurseries, where millions of plants are nurtured. Visit the State forests and learn the names of the trees. Visit the saw mills. Visit the furniture factories. Visit the All-Australian Exhibition. Ask all the questions you can; the men that know will be willing to answer. Join the League of Tree Lovers. Read books and articles on the subject. Practice home carpentry and joinery. And above all, plant trees!"

(Submitted to The Forester by Roger Underwood, to whom the article was sent by Andrew Morton.)
To:  
The Institute of Foresters of Australia  
PO Box 2  
Yarralumla ACT 2600

Please supply me with the following items, as marked:

The Secretariat has stocks (in some cases limited) of the following:

<table>
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<tr>
<th>Item</th>
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<th>+ P &amp; H*</th>
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<td>Institute Tie (Royal blue or Forest green) (chose color)</td>
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<td>IFA inscribed Desk Pad Holder (10.5 x 7.5 cm — Includes complimentary</td>
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<td>(Think Trees Grow Trees IFA ‘Post-It’ note)</td>
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(All prices include GST)  

*Due to various postal rates, it may be possible to reduce P & H for bulk items. Please email National Office for quotes for bulk items (over 4 quantity)

(Note: Following a survey of members the Institute will be purchasing some new items on a gradual basis. Details will be announced when supplies are available.)

Order No: (if applicable): ___________________________________________
Name of Purchaser: _________________________________________________
Address of Purchaser: _______________________________________________
Attached is a cheque: □ OR
Payment is by creditcard number: _______________________________________  Date of expiry: _____
Name on creditcard: _________________________________________________
Signature: ____________________________________________ Date: __________
"The Bushfire Front" formed in WA

IFA members will be interested to hear about a new organisation formed in WA in 2002 called "The Bushfire Front". The group comprises professional foresters and land managers and has dedicated itself to working to minimise the risks of a bushfire disaster in WA.

The core members are Don Spriggins, Frank Campbell, George Peet, Frank McKinnell, Jim Williamson, Bruce Beggs, Steve Quain, John Evans and Roger Underwood (Chairman). The group has collectively nearly 400 years of practical experience in bushfire science, fire management, land management and public administration.

The Bushfire Front sees itself as a force for development and implementation of a "best practice" fire management system in WA. We are concentrating initially on problems in southwest forests and at the urban-rural interface east of Perth and in many country towns. We have developed a strategic plan and a public document about fire management, and have begun to establish a public identity through meetings with the Premier, correspondence with Ministers and several meetings with senior agency management and the office of the Auditor General. A detailed submission was lodged with the Federal Government's Select Committee inquiring into bushfires, and the chairman has been invited to speak at an upcoming public seminar on bushfire management. We have been asked to make submissions on several recent government initiatives and to comment on CALM’s new fire policy. We have set up links with small like-minded groups operating in rural areas and there is some early media interest.

Our concerns are

- There is no independent annual monitoring or public reporting of bushfire outcomes;
- The inability (going back nearly a decade) of CALM to achieve its fuel reduction burning targets (fuels in the jarrah forest are now at their heaviest since the 1950s) because of an unfavourable combination of constraints, pressures and internal risk-aversion;
- There has been a decline in numbers of permanent, trained firefighters and hardened fire commanders, combined with an increase in the use of volunteers and casuals in place of permanent agency firefighters;
- The fleet of heavy earth moving equipment and trained operators run by the former hardwood timber industry, once available for firefighting, is melting away;
- There is conflict over responsibility for road maintenance in forest areas, and standards of firefighter access are declining (a problem not helped by what appears to be an increasing reliance on water bombing as the preferred method of first attack for forest fires);
- The government is currently setting up a huge "wilderness" area in the southern forests, where access will be reduced, and where it is very likely emphasis on fire prevention will decline. Whatever the final policy for this area, fire management will inevitably become more difficult;
- The political and funding situation at both state and federal levels favours suppression over prevention, and there are political moves to transfer fire control from the land management to the emergency services agency; and
- There is a consistently high level of failure by local governments to take fire management seriously, especially their role of enforcing the Bush Fires Act in respect to hazard reduction.

In addition, the environmental movement in WA is mostly very naïve in its approach to bushfire management in forest areas. Despite this they are extremely influential in their impact on the media and on public understanding of fire issues, and their political influence with the current government runs very deep.

Members of the Bushfire Front are under no illusion as to the difficulty involved in addressing these issues, especially as from about 1970 to 2000 WA has been spared a really serious bushfire disaster. Certainly no suburbs or crews of firefighters have yet been burnt. As our colleagues in the east know only too well, without a disaster it is hard to generate political or media interest. Needless to say, we are mostly finding that the agencies are defensive, and in some cases their staff clearly resent a bunch of old codgers passing judgements on how they run their business. We are also up against the usual gameplaying and upmanship between sister agencies. Worst of all we have found there is a surprising lack of understanding throughout the system that bushfire management is all about preparing for and then surviving the occasional bad year, not just muddling through an average or below average summer.

Another challenge is that we fundamentally wish to support the professional fire specialists in CALM, who know their job, are very dedicated and in some cases were formerly respected colleagues. Unfortunately they are also the ones who must deal with our concerns, answer the Ministerials and loyally stand up for government and departmental policy. These days there is a very low level of bushfire experience in the upper echelons of the Department, and none whatsoever in the Conservation Commission which is responsible for forest management planning in WA.

Nevertheless, some progress has already been made. The group is highly motivated and hard-working. We have already developed a template for "best practice" in forest fire management, we have become incorporated, are setting up a website and are seeking external funding. We believe our influence was partly responsible for a major increase in prescribed burning in autumn 2003 (although the Canberra bushfires and the Victorian Auditor General’s report were also stimulants). We are certainly...
providing government with an alternative perspective to that of the environmental activists, and at that level our credibility has stood up so far. Furthermore, although the task is daunting, our meetings are highly enjoyable, as there are usually opportunities to swap a good yarn, chuckle over a Williamson witticism or talk about bushfires of the past as well as those of the future. We are lucky to have the luxury of being able to discuss ways of preventing a coming disaster, rather than recriminating over one which has just happened, and even luckier to have moved from positions of "all care and all responsibility" to just "all care". In this respect if in no other, we and the environmental activists share common ground.

It has been suggested that the Bushfire Front may become part of a national approach by professional foresters and land managers who share our concerns. If anyone is interested, drop me a line.

Roger Underwood
Email: yorkgum@git.com.au

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The Chinner Medal – 2002
Has been awarded to
Rebecka M. McCann
The University of Melbourne
for the most outstanding student in field studies
Congratulations!

The Jacobs Medal - 2002
Has been awarded to
Anthony Hunn
The Australian National University
for the most outstanding student in field studies
Congratulations!

Anthony Hunn

(The above awards are made to the student successfully completing the final year of the program of studies of the Bachelor of Science (Forestry) deemed by the Departments of Forestry to have achieved the most outstanding performance in field studies, including field practical exercises, throughout the program.)
Student profile – Samantha Citreon

I’m Samantha Citreon and I’m currently a third year student Ba Forestry/Science at the University of Melbourne.

My interest in forestry aroused not so long ago when, as I high school student, I had a great time participating in Park-Management style work experience at Organpipes National Park. Since becoming an undergraduate I have jumped at many of the great opportunities that forestry has thrown at me.

I like to keep myself busy….and forestry has led me to become a woman of madness! At the moment my forestry life is balanced between several interests (apart from study), most namely my involvement in the International Forestry Students Association (IFSA). Aside from giving me some great travel opportunities, I have learnt an amazing amount from my role on the Exchange Program Commission of IFSA where I work with a group of other commissioners across the globe to create and advertise international work opportunities for forestry students both in Australia and abroad.

My interests in forestry are continually expanding…As a DSE ‘student employee’ last summer I was fortunate enough to be part of the crews in the 2003 fires where I gained much insight into the workings of the department (DSE/DPI) and fire management in general.

I also have a keen interest in community forest and have been following the Wombat forest implementation of CFM, attending many interesting (to say the least!) public meetings.

I love my travel, and can’t wait to attend the IFSA annual symposium to be held during September in Turkey this year where I will catch up with amazing friends from all over the place! (And learn about forestry issues around the globe).

In the future I see myself aspiring to the role of a community forester, closing the link between scientific technology and forest communities by facilitating the interface between the two – mostly by education. In short I would love to travel the world, explore different cultures, see amazing places and be inspired for my passion - forestry!

Contributions policy

The Forester is the official newsletter of the Institute of Foresters of Australia (IFA) and is published quarterly. The Forester is intended to promote communication and debate within the IFA and present practical and newsworthy information to members.

The views expressed in this publication are those of the authors and not necessarily those of the IFA. Contributions to The Forester are welcome and encouraged. Articles should be written in newsletter format, and photos, maps, and diagrams should be suited to be viewed in black and white. Authors should limit articles to preferably 330 words for letters to the Editor, and strictly to 500 words for general articles and book reviews, and 1500 words for feature articles. Please inform the Editor if an article has been written exclusively for The Forester, since these articles are more likely to be published. Full editorial rights are reserved.

The IFA uses Microsoft Office 2000. Please send articles as a Word or RTF file, preferably by email to <ifa@forestry.org.au>, or include a disk version to the Editor C/- IFA, PO Box 2 Yarralumla ACT 2600.

Photos should be provided as original prints, either in colour or in black and white. Scanned images should be sent as greyscale, 300 dpi and in TIF file format. If possible, set highlighting to whites 10%, blacks 90%. Please forward scanned images by email, as these images are unlikely to fit on a disk, however if they do fit on a disk, then please send one.
About the Institute of Foresters of Australia
The Institute of Foresters of Australia (IFA) has over 1200 members who represent all aspects of the forestry profession. Our members include private and public practitioners engaged in forest and land management, researchers, educators and administrators.

The IFA is:
- an advocate for better forest management in Australia
- an advocate for high professional standards in forestry
- an advocate for the active management of our forests for all values
- a focus for professional development activities, both formal and informal
- a source of information about employment opportunities
- a source of information about developments in the forestry profession and in forestry, in Australia and our region of the world.

The IFA has a Secretariat in Canberra, and Divisions in all States and the ACT.

Membership benefits
The many benefits of being a Member of the IFA include:
- email advice of current employment vacancies
- a newsletter every quarter containing up-to-date analysis of what's happening in forestry around Australia and elsewhere
- a quarterly scientific journal — *Australian Forestry*
- the opportunity to apply for accreditation through the Registered Professional Forester scheme
- field days focusing on forestry issues
- a biennial technical conference
- professional development awards
- locally based meetings and activities (State division and regional branch)
- the potential to contribute to the advancement of forestry in Australia.

Membership Grades
The membership grades of the IFA are:
1. Voting Member
2. Associate Member
3. Student Member

You are eligible for Voting membership if you:
1. hold a tertiary degree qualification in forestry recognised by the Institute together with at least two years appropriate forest management or forest science experience and can demonstrate knowledge of and/or skills in the core subjects of Australian forestry
or
2. hold any other tertiary qualification or other relevant experience acceptable to the Institute together with at least four years appropriate forest management or forest science experience and can demonstrate knowledge of and/or skills in the core subjects of Australian forestry.

You are eligible for Associate membership if you:
1. can demonstrate an interest in furthering the objects of the Institute through your employment in forestry
2. hold an approved qualification in forestry, or other tertiary qualifications
or
3. have other relevant experience in forestry.

Note: Membership is open to all persons who work in forestry and not just professional foresters.

Associate Members are eligible for a heavily discounted **Young Professional Rate** for the first three years following their graduation from their first forestry degree.

Associate Members may apply to upgrade their membership to **Voting Member**.

Applicants for IFA membership may apply to have their qualifications and experience assessed for Voting membership at the time of their initial application for Associate membership.

You are eligible for **Student Membership** if you are a full time undergraduate student attending a your first formal course of study at any University or tertiary institution recognised by the IFA.

Associate and Voting Members returning to full-time study may apply for a concession on the standard subscription fee.

### IFA subscription fees until 30 June 2004

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<td>between July – December 2003</td>
<td>between January – March 2004</td>
<td>between April – June 2004</td>
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<td>100% Fees</td>
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<td>Discounted 85%</td>
<td>Student Member</td>
<td>Pay $36</td>
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Fees include GST
New members will receive all publications for the relevant subscription term.

If you work in the forestry industry, your fees would normally be tax deductible.
Details of the Applicant:  (Print in BLOCK letters)

Title:  .................  Full Name:  .......................................................... ........................................

Date of Birth: (for statistical purposes only) ............................./........../ ..........................

Postal Address:  ..........................................................  Town:  ........................................

Postcode:  .......................  State/Territory:  .......................  Country:  .....................................

Email*:  ..........................................................  Phone Bus:  ( ..........................

*(Advise the National Secretariat if you do not wish to receive mail electronically).

Phone Private: ( ..........................

Mobile:  ..........................................................

Employer organisation:  ............................................  IFA Branch/State Division:  ..........................................

Membership Level required:

☐ Student (Full Time):  University:  .............................................  Year:  ..........................

Degree:  ...................................................  Expected Graduation Date:  ............................................

☐ Associate Member

☐ Voting Member

☐ Upgrade from Associate Member to Voting Member

Supporting information

☐ I have attached a copy of my educational qualifications

☐ I have attached a summary of my employment experience

Payment Details:

☐ I am eligible for the Associate Member Young Professional Subscription rate  

(available for the first 3 years following graduation from the first forestry degree).

Payment by cheque (no cash) enclosed

☐ OR

Payment by Creditcard

☐ Name on creditcard:  .........................................................  Amount $  ......................

Card Number:  __ __ __ __ __ __ __ __ __ __ __ __ __ __ __  Expiry date __ __ / __ __

Declaration:

I declare the above details are correct.

I agree to be bound by the Memorandum & Articles of Association and Regulations of the Institute.

Signature of applicant:  ..........................................................  Date:  .....................................