

# NZIF WEEKLY NEWSLETTER

14 JULY 2014

Number 2014/25

## NZIF introduces...

Forester of the Year  
Paul Nicholls



Paul with his family (from left) Patrick, Gretchen, Paul and Kirsty

James Treadwell awarded Forester of the Year to Paul Nicholls at the NZIF Conference. Paul has always presented the industry in a professional manner and has spoken elegantly on behalf of NZIF. However Paul has done much more during this time, he has lead the third largest forest company in NZ, became president of the FOA, was involved in the formation of the levy, is currently a board member on the levy trust board, took part in the Woodco strategy, the list goes on.

“Paul is truly a leader of our industry and is fully deserving of the title.”

Thomas Kirk Award Recipient –  
Andrew McEwen



Andrew and Mary McEwen

James Treadwell presented the Thomas Kirk Award to Andrew McEwen. The professionalism of the institute, the regard the institute is held by politicians and other organisations, the accurate reporting, this is all due to Andrew.

“I will never be able to fill Andrew’s shoes and there can be no argument he was very deserving of the Thomas Kirk award.”

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## PRESIDENT'S COMMENT

Last week 170 people took part in the very successful NZIF 2014 conference. Bob Pocknall and his team of Mark Morice, Brett Gilmore, James Powrie, Matt Croft, Ian Lyver, Brendon Slui and your own administrator, Jay, put on a brilliant conference. I have received a large amount of feedback from members attending and they are unanimous in their praise for the professionalism of the speakers, the wonderful locations, the food, the opportunity to network and of the field trips. I would like to extend a big thank you from all the members to the team named above. Without people like you the Institute would not be able to function. Thank you.

I took great pleasure in awarding the Forester of year to Paul Nicholls. Paul has been the face of forestry during the last 18 months when the media has come calling. He has always presented the industry in a professional manner and has spoken elegantly on behalf of us all. Paul is truly a leader of our industry and is fully deserving of the title.

I also took much pleasure awarding the Thomas Kirk award (our highest award which is only awarded every two years) to a very humble (and on the night emotional) Andrew McEwen. You all know how much work Andrew has put into your institute over the last decade. I will never be able **to fill Andrew's shoes and there can be no** argument he was very deserving of the Thomas Kirk award.

## PRESIDENT'S COMMENT continued

On other matters your council are looking for an independent board member for the Registration Board. The person must not be a member of NZIF and should have some understanding of registration schemes. The role is poorly paid but incredibly important. If any of you have any suggestions for us please contact the chair of the Registration board, [Simon Rapley](#)

Finally, I hope you all got your submission into the Independent Safety Review Panel. If not we did on your behalf. However we are always interested in more help. We have set up a safety committee; if you think you have something you could offer this committee please let us know.

Once again I wish to thank everyone involved in the conference. Sponsors, speakers, delegates, conference committee. Without you we could not have a conference and the conference is very important to the success of your institute. The journal will have more in depth coverage of the conference in a future edition and Jay has made these presentations available on the [website](#). If you did not attend make sure you read about it in the journal and perhaps check out some of the presentations. You never know what you may find out.

For those with children at home for holidays, enjoy the rest of the holidays. Perhaps now is the time to get them interested in forestry.



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## Tackling Challenges and Delivering Value



New Zealand Institute of Forestry Conference - 6 July - 9 July 2014 - Napier

## CONFERENCE ROUND-UP 2014

### Field Trip 2 – Clonal Trials and Pan Pac Site Visit

Field trip 2 started with visits to two clonal trials. The first clonal trial was in Esk Forest and showcased the developments made by the RPBC. The first trial consisted of 7 year old clones, two of which were showing obvious external improvement over their neighbours, but also measured internal improvements in the form of wood qualities such as density and stiffness. The second trial was an old FRI trial in Glengarry Forest on an extremely high productivity site, with higher stocked plots reaching well over 1,000 m<sup>3</sup>/ha at age 27. Mike and Sue Carson explained the results these trials had contributed to and John Moore **introduced us to the concept of “carrying capacity”**, which can be quantified by a stand density index, a good indication of full site occupancy. Those interested in learning more about this should get in touch with John Moore, Mike Carson or Sue Carson.

The visit to Pan Pac started with a picnic table and a Geodesic Dome sculpture by David Trubridge. Both of these are made out of **TMT, Pan Pac’s new thermally modified Timber which has increased stiffness and higher durability allowing for outdoor usage without additional chemical treatments.** We then went on to look at the (relatively) newly constructed 3PY, a stem optimizing processing unit similar to the KPP in Kaingaroa, but with a significantly reduced footprint due to the stems flowing through mainly in parallel rather than in line. This was followed by a quick trip through the sawmill and then on to look at the TMT processing plant. The combined site utilizes the majority of its own waste, and also takes in green waste and wood waste which is chipped and utilised in the boiler to run the pulp mill. The knowledge and enthusiasm demonstrated by the staff at **Pan Pac was both impressive and inspiring, and I’m sure** everyone who was on this field trip enjoyed the educational experience as much as I did. Many thanks to all those involved in making this trip possible, it was by all accounts a huge success.

By Jess Brown

## CONFERENCE SPONSORS

### KAURI

PanPac Forest Products Limited

### TOTARA

PF Olsen

Forest Management Group Ltd

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Rayonier-Matariki

### RIMU

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## CONFERENCE PROCEEDINGS

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Hawkes Bay Regional Council

Indufor Forest Intelligence

Napier Pine New Zealand

Pentarch Forest Products

School of Forestry, UC

Simpson Grierson

Toughbook

Waiariki Institute of Technology

## CONFERENCE ROUND-UP continued

### Field Trip 1 - Cape Sanctuary

Approximately 35 NZIF conference attendees participated in the field trip that commenced with a visit to Cape Sanctuary. One of the sanctuary owners, Andy Lowe, gave us a preview of the sanctuary activities at a working breakfast that included details on the sanctuary size (2,500ha) and length of the predator fence (10.6km). The sanctuary is the largest privately owned and funded wildlife restoration project in the country with a vision to bring back the coastal communities of land birds, sea birds, reptiles and invertebrates that would have once existed on the peninsula.

Our visit that was kindly hosted by Tamsin Ward-Smith, Paul Dippie and Sue Dryden started at the gate to the sanctuary where we learnt about the predator control objectives which in this case are designed to control in a cost effective manner rather than complete eradication. Operations are aimed at the usual suspects including cats, stoats, ferrets, rodents, hedgehogs and rabbits.

The sanctuary is unique as it includes a working farm, conservation areas, Radiata plantation and tourist activities including a tourist lodge, golf course and walking trails. We wandered through the Radiata plantation to the aviary where Sue explained efforts to breed kaka and kakariki from breeding pairs that are held in the aviary. Soft release techniques to encourage the spread of offspring into the surrounding habitat were explained and we observed this in practice with several kakariki feeding from food stations located around the aviary.

The sanctuary relies heavily on voluntary support to keep the restoration activities going and the group left having gained an interesting and very valuable insight to the work being undertaken with this project.

**After lunch at Clifton Cafe we travelled to David Trubridge's workshop to view the workshop and the range of design products on sale.** As most conference attendees who were present the previous day when David outlined the philosophies that drive his business are aware, he has a strong following of customers throughout the world for his products, and regularly attends annual design exhibitions throughout the world. He completes life cycle analyses for his products and laments the fact that he cannot source locally grown timbers suitable for his designs.

Our final stop was at Kanuka Engineered Wood Products in Hastings. Owner, Peter Roil, escorted us on a wander through his manufacturing operations and finished the day with a thought provoking presentation on his operation and some of the difficulties he has convincing potential customers to build in wood. His business is laminated posts, beams, lintels, and more recently, to **design, build and project manage laminated buildings.** Peter's factory is living proof of his technology with unsupported 60m laminated beams propping up the roof structure of the factory and his plea to all forestry industry people was to promote the use of wood through action rather than the more usual promotional activity. If you can show potential customers the product in an existing building then the job is half done. **Our sector is not great at selling the "wood is better"** message and a change of direction is now timely with considerable opportunities available in Christchurch and Auckland so are we prepared to take up the challenge.

By John Scrider

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## CONFERENCE ANNOUNCEMENTS

Hancock Forest Management sponsored this year's **Student Poster Competition**.



Each year the institute conference has a competition for forestry students to display posters they have created during the year for their dissertation or course work. There was no theme this year for posters.

Winners of Student Poster Competition

1st - David Saathof

2nd - Pavittar Singh

3rd - Jeremy Bradshaw

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Congratulations 2014 NZIF Foundation Scholarship winners

Chavasse Travel Award - Rhys Millar

Frank Hutchinson Scholarship - Matt Waghorn

Undergraduate Scholarship – David Saathof

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NZIF would like to welcome **Jess Brown**, who was accepted as Secretary on the 2014 Council.

After a previous degree in Arts and Science, and a career teaching white-water kayaking both in NZ and Northern California, Jess graduated from the NZ School of Forestry at the University of Canterbury in 2012 with a BForSc with 1st Class Honours. She currently works for Hancock Forest Management in Rotorua as a Planning and Valuation Analyst, and has worked for Owen Springford (Forestry Consultant) doing inventory, carbon and valuation work for mostly smaller private forest owners.

Jess is greatly looking forward to contributing to the NZIF, and in developing membership, so that it is seen as worthwhile by all cross-sections of the industry. Her goals include increasing the relevance of the NZIF for students and how to better promote forestry to women as a career path industry can promote ourselves better as a female friendly work environment.

## LOCAL SECTIONS

### Canterbury Section

Meet Your (Potential) Future Employer Evening  
This popular annual event, which aims to put forestry students and industry figures together to meet, greet, talk and listen, is back. This year it is on Thursday 17<sup>th</sup> July, 5pm at the School of Forestry, University of Canterbury. Students and would-be students of forestry from all institutions are welcome.

Contact [Terry O'Neill](#), Canterbury Section Secretary/Treasurer

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### Canterbury Section

You are invited to the next local NZIF meeting to be held on Thursday 24<sup>th</sup> July, 6pm

- Guest speakers:

Prof. Euan Mason – School of Forestry, Canterbury University

Mr. Ollie Belton – Permanent Forests Federated Farmers representative

- School of Forestry, Ilam, Christchurch
- Cost: \$15 per person – students free

The Topic is

**Why our Emissions Trading Scheme is falling and how we could fix it**

**New Zealand's initial attempt to mitigate the** problem of climate change is moribund. Why is this? Euan will explain and go on to provide solutions to the problems. Ollie Belton will be talking about a forestry consultant's perspective on the ETS, and a Federated Farmers representative will be talking about agriculture and the ETS.

Drinks and nibbles in foyer 6-7pm, School of Forestry, followed by talk in lecture theatre F3

Please email to confirm your attendance to [Terry O'Neill](#) by Monday 21st July



## MEMBER'S VOICE

### Response to GE and Forestry

While various harmful effects of using GM have been postulated, it can actually be a powerful tool for serving environmental causes that the strident opponents of GM fervently espouse. For instance, using GM to confer insect resistance can obviate or greatly reduce the need to use nasty pesticides. Similarly, conferring herbicide tolerance can allow reliance on more environmentally benign herbicides. With the American chestnut, GM is being pursued as the key tool for a major ecological restoration effort. For applying the precautionary principle that is mandated by NZ legislation, GM can serve as an important part of the precautionary toolkit, with multifarious risks and prospective benefits to be weighed up whatever course is adopted.

John raises the question of natural durability of wood. It must involve production of heartwood which, in radiata pine, is neither reliably durable nor easily and reliably treated with preservative, and degrades the wood in the marketplace for appearance grades. In fact, there appears to be significant scope for manipulating heartwood variables in radiata pine by conventional breeding. We have evidence that the amount of heartwood has a worthwhile heritability. And indications are that extractives content of heartwood has a remarkable combination of variability and heritability, meaning excellent prospects of modifying it by selective breeding. However, we must realise that heartwood and its extractives represent a defence mechanism in the tree, and is likely to be in some trade-off with wood-producing potential. Moreover, natural durability of wood in many species is conferred by substances that are nasty, often causing occupational health problems for mill workers.

Incidentally, John's statement concerning intensive selection in breeding radiata pine should not be construed as meaning that only one tree gets selected; care is taken to select many, in order to retain genetic diversity.

Rowland Burdon

## MEMBER'S VOICE

### Response to: GE and Forestry

We need to have a wider discussion about GE. I want to strongly support John Rawson's plea in last week's newsletter. Has anyone ever suffered anything from GE products? The opposition is emotive nonsense and besides we have never eaten, or are most unlikely to ever eat, wood. The opposition is certain to decline. Greenpeace is probably being taken to the European court for its opposition to Golden Rice (a GE product that produces Vitamin A - a vitamin not found in normal rice - Vitamin A deficiency causes early blindness and early death in rice consuming communities).

In North America a GE version of chestnut has been developed that is resistant to the blight that has almost wiped out what was once a wide spread, dominant and attractive hardwood species. And to think that plantations that contain GE trees will not be approved by the Forest Stewardship Council - an approving body that does not even consider whether wood production is even sustainable - the word sustainable does not appear in their approval process and of course is not included in their glossary.

Wink Sutton

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NZIF encourages and welcomes contributions on contemporary industry issues from its members. Please [email](#) your contributions and ensure they are 250 words or less.

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## MEMBER NEWS

### **Don Hammond is the new chairperson of STIMBR – Stakeholders In Methyl Bromide Reduction Incorporated**

The STIMBR Board has appointed Rotorua forest industry consultant Don Hammond as the chairperson of STIMBR.

STIMBR, funded by a voluntary levy based on usage of fumigant gases methyl bromide and phosphine, is leading a multi-pronged research strategy to find alternative phytosanitary treatments for exported logs and timber products. The New Zealand EPA will not permit the discharge of methyl bromide to the atmosphere when fumigations are complete beyond 2020 as methyl bromide is an ozone destroying product.

**Announcing Don Hammond's appointment, Board member and Levy Payers Subcommittee Chairman Peter Hill said Don was an ideal choice for this role.**

**“Forest and horticultural industry biosecurity is critical for New Zealand, as we strive to keep unwanted organisms out and to meet the importing country phytosanitary requirements of our forest and horticultural exports. It is important that we are able to meet the EPA requirement for methyl bromide use, and the 2020 deadline is looming.**

**“Industry leadership over the next few years is critical to New Zealand being able to continue to meet market requirements for our logs, timber products and horticultural produce.**

**“Don Hammond has a successful career in forest science and biosecurity as a practitioner, project leader, researcher and tutor. He is an ideal choice for this new role as STIMBR's chairperson,” he says.**

## Notice from the Administrators



We have some lapel pins still for sale. They are \$11 including postage, please email your order and delivery address to [Jay](mailto:jay@nzif.co.nz)

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## LinkedIn

There continues to be some great discussion regarding Forestry and Farm land valuations, and Climate Change via the NZIF LinkedIn group. Sign up and join the 100+ members in our private group.

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## Member Movements

Yannina Whiteley has left her role at Environment Canterbury. Now in a temporary role at the Ministry of Education, she is pursuing work in GIS, especially with a forestry cross-over.

## ADVERTISING



### Forestry Advisor

Waitaki District Council invites expressions of interest (EOI) from experienced Forestry Advisors to support our Forestry operations. Waitaki District Council owns approximately 120 Ha in forest over 16 blocks some of which are actively used by the community for walking and cycling.

Services/ Advice that will be required includes;

- Establishment and Silviculture.
- Harvesting, Marketing and Sales.
- Valuation, Forecasting and Mapping

EOI should contain the following information;

- Description of organisation including nominated key people and area of speciality.
- An outline of relevant experience including managing recreational access.
- Details of resources, companies and markets typically used.
- Typical fee structure for the services.
- References and contact details from at least three relevant clients.

Further information or enquiries can be made by emailing [mkwant@waitaki.govt.nz](mailto:mkwant@waitaki.govt.nz)

Expressions of interest must be sent by Friday 1<sup>st</sup> August 2014 to

Erik van der Spek  
Recreation Manager  
Waitaki District Council  
Private Bag 50058  
OAMARU 9444



## ADVERTISING



Forme is seeking an experienced forestry professional to join its team.

Forme Consulting Group Ltd is an independent, privately owned New Zealand based forestry industry consulting firm. Our clients; large and small, operate throughout the entire forest industry supply chain including forest owners and managers, service & logistics providers, contractors, processors/sawmillers.

Forme is differentiated from its competitors by a long history of independence and our combination of hands on and technical knowledge. We do not trade logs or lumber or compete with our clients.

This role will suit self-motivated, business driven applicants with relevant tertiary qualifications and operational experience as a technical forester/forest manager/ resource analyst/consultant or similar.

Key attributes of a successful applicant will include but not necessarily be limited to

- Is having a successful career.
- 15 – 20 years experience in forest industry across multiple disciplines including technical, operations, marketing and supply chain.
- Is well respected in the industry.
- Entrepreneurial and self-driven.
- Exposure to Work Study.
- Exposure to log processing industry.
- Industry contacts and potential to generate work through those.
- Goal oriented with energy, strong interpersonal and peer and client relationship skills.
- Able to work flexible work hours and travel extensively throughout New Zealand and overseas.
- The remuneration package offered will reflect qualifications, experience & attributes.

Apply, in confidence, by sending an application letter and CV, marked **“Forester – Application”** to [info@forme.co.nz](mailto:info@forme.co.nz)

Attention: Paul McCreedy or John Schrider

By 5.00 pm 21st July 2014.

Phone enquiries can be directed to either John at +64 274 469 296 or Paul at +64 274 480 547

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## CALENDAR

NZIF takes no responsibility for errors in this calendar. Please visit the website or contact the organisers to confirm times, locations, costs.

### July 2014

- Thur 17 Meet Your (Potential) Future Employer Evening, Canterbury Section, 5pm, University of Canterbury, email [Terry O'Neill](mailto:Terry.O'Neill@nzif.org.nz)
- Thur 24 Canterbury section meeting, 6pm, University of Canterbury, email [Terry O'Neill](mailto:Terry.O'Neill@nzif.org.nz)

### August 2014

- Wed 9 – Thur 10 [FIEA biennial forest conference](#), Auckland
- Mon 11 – Tues 12 [DANA Melbourne conference](#), email [Pamela Richards](mailto:Pamela.Richards@nzif.org.nz)
- Mon 11 – Tues 12 [DANA Rotorua conference](#), Novotel Lakeside Hotel, email [Pamela Richards](mailto:Pamela.Richards@nzif.org.nz)
- Thurs 14 Joint NZIF/APPITA Dinner, Rotorua
- Mon 25 – Fri 29 [IUFRO Forestry Tree Breeding Conference](#) Prague

### Sept 2014

- Wed 17 – Thu 18 [Wood Innovations 2014](#)

### Nov 2014

- Sun 16 – Wed 19 [A place to live national conference](#), Royal Society of NZ
- Sun 24 – Mon 25 New Zealand History of Science conference, [email](#)

### April 2015

- Mon 13 – Wed 15 [ANZIF Conference 2015, 'Creating Resilient Landscapes'](#), Novotel Forest Resort Creswick, Victoria, Australia



NEW ZEALAND INSTITUTE OF FORESTRY

Te Pūtahi Ngāherehere o Aotearoa Inc.

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