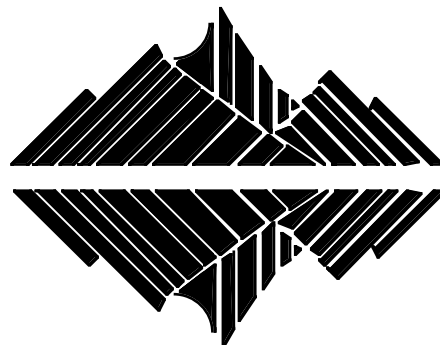


Ecological Society Newsletter

No. 107, October 2003

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FROM THE EDITOR

This newsletter follows hot on the heels of issue 106 which was unfortunately held up in production by a miscommunication between me and the secretariat. Please accept my apologies for the late delivery and I hope that most of you managed to register for the Auckland conference before the 10 October deadline and the increase in registration charge!

This issue is dedicated almost entirely to the annual reports in time for the upcoming AGM in Auckland. As you will see, the society is in a very healthy state on all counts including financially. Our treasurer reports a profit despite no conference this year (recently the conference has been a consistently profit-making activity largely because attendances keep growing each year) and that our cash reserves have also been increased. The figures also reveal that our main item of expenditure, the production of the *New Zealand Journal of Ecology* is currently approximately 70% met by library subscriptions, page charges, and reprints, and 30% by members. The NZES council hopes that by offering back-issues electronically to libraries combined with the competitive subscriptions rates for the journal, it may be possible to make the journal fully self-sustaining, and leave membership income for other society purposes.

With the plan for online institutional access to the journal and free access to the newsletter on our webpages, some members may be evaluating their continued membership of NZES. However, members also get a discount on the annual conference registration which has, in recent times, been more than the cost of membership! Moreover, I suspect that for many people, membership of a society such as ours is more than just getting the journal, the newsletter and cheaper rates at the conference. The society aims to "promote the study of ecology and the application of ecological knowledge in all its aspects. Through its activities, the society attempts to encourage ecological research, increase awareness and understanding of ecological principles,

promote sound ecological planning and management of the natural and human environment and promote high standards both within the profession of ecology by those practicing it, and by those bodies employing ecologists". These are aims that I think we would all honour and support, and most I hope will share my intention to continue to be proud members of a very worthy and important society.

Alastair Robertson
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INSIDE:

51st Annual General Meeting of the New Zealand Ecological Society	2
New council officers needed for 2004	2
SUBS payment reminder	2
President's annual report	2
Treasurer's annual report (2002 financial year)	3
Membership & subscriptions report	6
Journal Editor's annual report	6
Webmaster's annual report	7
Newsletter Editor's report	8
Awards Convenor's report	8
Upcoming meetings	9
Meetings diary	9

SUBS PAYMENT REMINDER

Payment of subs for the 2003 year were due on 15 February. If at the time this newsletter was printed, you had not paid for this year, you will notice that on the mailing label used to post out this newsletter a note "2003 unpaid". If you see this on your copy, and you haven't just sent in your money, you are in arrears. Please send your payment as soon as possible to the Secretariat (address on back page).

51ST ANNUAL GENERAL MEETING OF THE NEW ZEALAND ECOLOGICAL SOCIETY

As usual, the AGM of NZES will be held during the annual conference on Tuesday 18 November at 6 p.m. at room 439, the School of Engineering at University of Auckland. All members are urged to attend. The minutes of the 50th AGM can be found in issue 104 of the newsletter which is now online at the NZES page at <http://nzes.org.nz/newsletter/no104.html>. We have had no notice of motion from members for this meeting prior to this newsletter, so following the society rules, no motion now may be proposed, discussed or put to the vote except by consent of more than two-thirds of the members present. At this meeting, we will elect several important council officers as well as councillors (see below), so it is important that as many people as possible attend the meeting. Usually, these meetings take around 1-1 1/2 hours, so you won't be made to starve for too long!

NEW COUNCIL OFFICERS NEEDED FOR 2004

At the end of this year, the NZES council will need to find several new office holders and councillors to start the new year. Ben Reddiex (Treasurer), and Dave Kelly (Secretary) are set to take a well-earned rest after holding their office positions for several years now. Both positions will need to be filled by election at the AGM in Auckland. In addition, we will need a vice-president and at least one or two new councillors. Nominations can be made at the AGM or by writing prior to the AGM, and must be moved and seconded by current members of the society. The council requests that members think about possible nominations to bring to the meeting or send in by post.

PRESIDENT'S ANNUAL REPORT

Another year has whistled past, seeing university academics under the scrutiny of the new Performance Based Research Fund, CRIs rebidding yet again for FRST funding, ecologists striving hard to keep the bureaucratic machinery at arms length, while at the same time trying to measure, probe, understand, protect, and conserve our flora and fauna.

A significant role of the New Zealand Ecological Society is to make submissions on ecological issues of national or regional importance. The NZES is well placed to contribute ecological knowledge and perspective to debates, policy formulation and decision making activities relating to the environment as our membership includes a diverse range of highly capable experts in different disciplines. However, despite advertising calls for submission documents on the webpages, newsletter or listserver, it has been very difficult to find volunteers to contribute. The main reasons given? Too busy. We can't fix that, but we have developed a new formal Submissions Policy (see the NZES web pages or Newsletter 106), which clarifies the aims and processes of submission making and provides a mechanism for contributing. If you are keen to make a contribution to the latest or future submissions, please read the Submissions Policy and keep in touch with the Submissions Convenor (currently Murray Williams). Our most recent submission was on the Biosecurity Strategy Issues Paper (see web pages) and it identified several important issues of concern to the society. The submission was coordinated by Peter Bellingham (Landcare Research), and substantial contributions were made by Peter Williams, Lynley Hayes, Mick Clout, Rod Hay and, John Parkes. Thanks to you all.

A major effort this year has been focused on the *New Zealand Journal of Ecology*. A proposal to scan all back issues of the journal from 1978 to present, and its predecessor the *Proceedings of the New Zealand Ecological Society* published from 1953 to 1977, was funded by TFBS. This means you will have the ability to download electronic copies of any older article you fancy by the middle of next year. This year, a sub-committee has been working out the best way to arrange and manage electronic access to the journal. NZES runs the risk of losing membership subscriptions once members find they can access the journal electronically through their library. As the *New Zealand Journal of Ecology* production costs are covered by funds generated by membership subscriptions and profits from the annual conference, loss of income from membership may become a serious issue for us in the future. We are watching closely how the Royal Society of New Zealand overcome their present journal funding

problems. Many learned societies around the world are also facing similar problems.

Of course many members belong to the society for a wider range of reasons, one of which is to actively support and maintain the production of the journal. Our production costs are kept low by the huge amount of volunteer work editing and producing the journal. Without your membership contribution, the journal could not survive. Many members of the scientific and wider community benefit from reading *New Zealand Journal of Ecology*, and your continued membership is greatly appreciated.

Although economic uncertainties surround the transition from hardback to hardback/electronic access, currently we have a healthy membership, and a surplus of funds, which the council sees as a safety buffer during the next few years. The journal is in a strong position, and has continued to increase its scientific impact and standing (see Editor's Report). On behalf of council and members, I thank David Wardle and his editorial team for the huge effort put into the journal over the last 5 years, and wish Richard Duncan all the best for taking over the reins for the next 5 years.

The second joint conference with the Ecological Society of Australia in Cairns last December was a great success, with 75 New Zealanders crossing the ditch to attend. A severe drought made Queensland unseasonably dry and relatively fly-, leech- and mosquito-free—I returned, even after a trip into the outback and to the rainforests, without a single landing, attachment or whining in the ear, respectively. At our Annual General Meeting it was agreed that these joint meetings were well worthwhile, and will be repeated again in New Zealand in 2006. This will most likely be held in the North Island so the Aussies can explore warmer biomes after their relatively chilly spell in Dunedin in 1998.

You may have missed the deadlines for abstracts, but you can still register to attend this year's NZES annual conference, which is being held at the School of Biological Sciences at the University of Auckland, 17–20 November—check out the NZES webpages for details. Symposia emphasise the integration of applied and theoretical concepts to understanding and managing ecological systems and include:

- Restoration ecology and ecosystem sustainability (includes fragmentation)
- Endangered species management: theory and application
- Modelling in conservation biology and ecology
- Application of behavioural ecology theory to conservation practice
- The role of ecological consulting in conservation and management
- Mangroves and coastal ecosystems

As usual, there will be a student only session on Sunday 16 November when students can present their work in a non-threatening environment and have a blast before the major event begins. For those students brave enough to present their talk at the main meeting, there is always the lure of winning the coveted prize for best student paper or poster.

The NZES education subcommittee have upgraded and released a new version of TuiTime on the NZES webpages. The site has been completely overhauled and there are many more activities with different degrees of difficulty. There is more information and the game "Tiaki's life" now reflects the changes that have happened in New Zealand forest systems during the last part of the Holocene. Producers Carol West, Jacqueline Beggs and Laura Sessions say the teachers will find the site more comprehensive and helpful and that students should find TuiTime more interesting and challenging. If anyone is interested in joining the NZES education subcommittee and helping Carol and the others with TuiTime, please feel free to contact them.

This is my last year as President, and I would like to thank all the office holders whose enthusiasm and support collectively keeps the activities of the Society alive and well. It has been a real team effort, as tasks are shared out equally. This year, the Treasurer (Ben Reddix) and Secretary (Dave Kelly) are also stepping down, leaving size XXL shoes to fill. In particular, thanks to Dave who has been on council for years, and has quietly steered council along, preventing us from going over old ground, remembering arcane society rules, and being an excellent secretary.

This year we also need several councillors, a vice-president, and nominations for all the office-holding positions can be made at the AGM or by writing prior to the AGM, and must be moved and seconded by members of the Society.

TREASURER'S ANNUAL REPORT (2002 FINANCIAL YEAR)

Shown below are the audited statements of financial performance and financial position for the New Zealand Ecological Society for the 12 month financial year ended 31 December 2002 (values in this report are GST exclusive).

Financial performance

The Society made a profit of \$2,634 in the 12 months ended 31 December 2002. Council had anticipated a loss for this period in last year's annual report due to not obtaining any revenue from the 2002 Conference in Cairns (conference profits usually provide the bulk of the Society's annual profit), and uncertainty on the success of funding applications to cover expenditure planned in 2002 to help complete the TuiTime project.

NEW ZEALAND ECOLOGICAL SOCIETY (Inc)
Statement of Financial Performance
For the Twelve Months ended 31 December 2002

	12 Months		12 Months
	Dec 2002		Dec 2001
	\$	\$	\$
INCOME			
Members Subscriptions	27,970		26,314
Interest	2,537		2,389
Publications	206		578
Journal Subscriptions	13,732		15,060
Reprints	4,612		1,911
Conference	39		9,417
	–2001		
	–2002	–	347
Grant – Royal Society			
Portion spent in current year	25,001		3,254
Sundry Income	520		642
		74,617	59,912
EXPENDITURE			
Journal Production	25,922		26,784
Newsletters	4,453		3,763
Secretariat	8,165		6,801
Subscriptions	1,732		1,590
Council Expenses	1,802		2,113
Administration	1,562		1,632
Audit Fee	300		300
Awards	300		400
Royal Society Grant expenditure	27,703		3,254
Web Site	44		394
		71,983	47,031
NET SURPLUS		\$2,634	\$ 12,881

Financial position

The level of cash reserves at 31 December 2002 was up from the previous year to \$58,511, which is substantially above the desired minimum level of reserves agreed to at the 1999 AGM at Blenheim (i.e. one year's expenditure which is approximately \$44,000).

Council would appreciate input from members on

the general direction that they wish council to take regarding new spending initiatives that further the aims of the Society.

Overall the society is in sound financial position. Thanks are due to the secretariat, the volunteers who run the conferences with such great results, and to members for renewing their memberships promptly.

Ben Reddiex
Treasurer

NEW ZEALAND ECOLOGICAL SOCIETY (Inc)
Statement of Financial Position
As at 31 December 2002

	Dec 2002		Dec 2001
	\$	\$	\$
FUNDS & LIABILITIES			
ACCUMULATED FUNDS			
Balance 31 December 2001	55,877		42,996
Add Net Surplus	2,634		12,881
		58,511	55,877
LIABILITIES			
Advance – membership	351		524
Advance – journal subscriptions	597		1,016
Accounts payable	1,266		1,338
GST Payable	–		910
Royal Society Grant unspent	–		11,596
Kauri Fund	3,587		3,560
		5,801	18,944
		\$64,312	\$ 74,821
ASSETS			
Westpac Cheque Account	25,546		13,550
Westpac Term Deposit	30,000		40,000
BNZ Term Deposit	–		7,000
	55,546		60,550
Arrears – membership	962		469
Arrears – journal subscriptions	67		440
GST Receivable	1,389		
Sundry Debtors	5,674		12,702
Prepayments	524		510
Stock – Journals	150		150
		\$64,312	\$74,821

MEMBERSHIP & SUBSCRIPTIONS REPORT

Membership

The table below gives the total number of members in different categories as at 25 August 2003. Full and Joint members pay at full rate (one payment per couple in the case of joint membership), unwaged members get a discounted rate, and overseas members pay the full rate plus an overseas postage surcharge. Honorary members of course are not charged. To work out the total count of members I assume, as before, that all those in arrears for this year will eventually pay, but that none of those owing for last year will do so. (In practice some variance each way in the two assumptions tends to cancel out). The totals show that membership is up slightly on the figures for two years ago, so membership is still very healthy. The fraction of our membership which is unwaged continues to decline: down from 21% two years ago to around 19% now. This is good news for the members (more have jobs) and for the society (more stable membership, and paying the full membership rate). We have a pleasingly higher rate of people having paid up for this year, thanks to all of you out there. Additionally, 10 places or people get the newsletter only.

Membership of NZ Ecol Soc as at 25/8/03 (with data for 27/6/01 in brackets for comparison)

Category	Paid	Arrears this year	Total	Arrears last year
Full	320 (289)	15 (29)	335 (318)	17 (12)
Joint	45 x 2 (42 x 2)	3 x 2 (1 x 2)	96 (86)	2 x 2 (1 x 2)
Unwaged	94 (96)	13 (17)	107 (113)	15 (8)
Overseas	19 (16)	2 (2)	21 (18)	3 (0)
Honorary	10 (7)	n/a	10 (7)	n/a
Total	533 (492)	36 (50)	569 (542)	39 (21)

Journal subscriptions at 25 August 2003 totalled 117 copies (of which 112 are paid up for the current year). This compares to 108 (95 paid) at a similar time in 2001. This is good news as it marks an 8% increase in library subscriptions over two years, reversing the trend from the early 1990s of declining subs. There are also 19 complimentary copies sent out (mostly to indexing services such as Biological Abstracts, ISI etc).

Dave Kelly
Secretary

JOURNAL EDITOR'S ANNUAL REPORT

The journal continues to serve as a primary outlet for research published by New Zealand ecologists. In 2002 we received 30 manuscripts, which is about average. However, this year there has been a large increase in submissions; to date this year (13 October) we have already received 46 manuscripts, which is well in excess of the total number of unsolicited manuscripts that we have ever received in a single year (i.e. 34, received for the whole of 1999). We continue to be well supplied by manuscripts in most branches of ecology, with the exception of aquatic ecology. Particularly notable over the past year has been a huge increase in manuscript submissions on plant ecology, establishing our journal as a major primary outlet for manuscripts on vegetation ecology in the New Zealand region.

The increase in manuscript submissions inevitably means that we can become more selective in what we publish, and I have actively tweaked the rejection rate of the journal up to around 40%. This has been achieved mainly by outright rejection of 'borderline' manuscripts, i.e., those that would otherwise require several rounds of reviewing and rewriting in order to yield manuscripts that in the end were still only marginal. The most common reasons for manuscript rejection continue to be insufficient novelty or substance of the work reported, and improper experimental design.

The journal continues to have significant impact, and for the second year in a row has a Science Citation Impact Factor score of over 1.0. Although I have significant concerns about science citation indices, largely because they are heavily biased in favour of American journals and authors, the large increase in this factor over the past couple of years still indicates that the articles we publish are being taken increasingly seriously in the wider scientific community.

There is increasing acknowledgement that for the journal to maintain its competitiveness means that it will need to become available in electronic form in the relatively near future. This is something that has been discussed extensively at the level of Council over the past couple of years, and strategies are being implemented to accomplish this.

The journal continues to be served by an excellent Editorial Board. Over the past year the board has consisted of Doug Armstrong, Peter Bellingham, Kay Clapperton, David Coomes, Richard Duncan, Graham Hickling, Ian Jamieson, Gþbor Lvei and Mike Winterbourne, with Duane Peltzer as Book Reviews Editor. These are all thanked for their service of the journal over the past year, together with those who review manuscripts, and all those authors who provide

us with enough interesting material to maintain success of the journal. Special thanks to the Technical Editor, Jenny Steven, who continues to do a terrific job in seeing accepted manuscripts through to publication.

This will be the last report that I will be presenting as Scientific Editor; at the time of tabling this report 59 months of my 60 month term as Editor will be over. I have definitely enjoyed my time as Editor; it has been very rewarding and has given me an insight into the breadth of ecological research carried out in New Zealand that I would otherwise not have had. I think that five years is about the right length of time for someone to hold this position, and am delighted that Richard Duncan has agreed to take over from me in this position in January next year. I wish Richard all the best as Editor, and hope he has as much fun in this position as I have had.

David Wardle

Scientific Editor New Zealand Journal of Ecology

WEBMASTER'S ANNUAL REPORT

The NZES website has been well used throughout the year. Each month, the site has been accessed by an average 695 different visitors (computers) viewing an average monthly total of 2570 webpages within the

site. Around 60% of these visitors come from within New Zealand. Figure 1 shows trends in the use of the different parts of the website. In the past year, the most popular parts of the website have been the NZ Journal of Ecology, NZ ecology links, and ecology meetings (each averaging over 100 visits per month).

2003 has been an exciting year for the NZES website, laying the foundations for a substantial increase in the size and services to be offered in 2004. Highlights of past year have included:

- The Society secured \$18k from the government's Terrestrial and Freshwater Biodiversity Information System (TFBIS) Programme to scan all past issues of the NZ Journal of Ecology and the earlier Proceedings of the NZ Ecological Society, and place these on our website as downloadable pdf files. This is a 2003-2004 project. The society has now purchased pdf files of almost all NZJE articles from 1994 to present from our publisher. The rest will be scanned over the summer at Lincoln University.
- As part of the TFBIS funding, we will also be substantially increasing the size of the HotScience service of the website. Initiated by Alastair Robertson, NZES HotScience summarises the relevant local content in international publications involving NZ ecology.

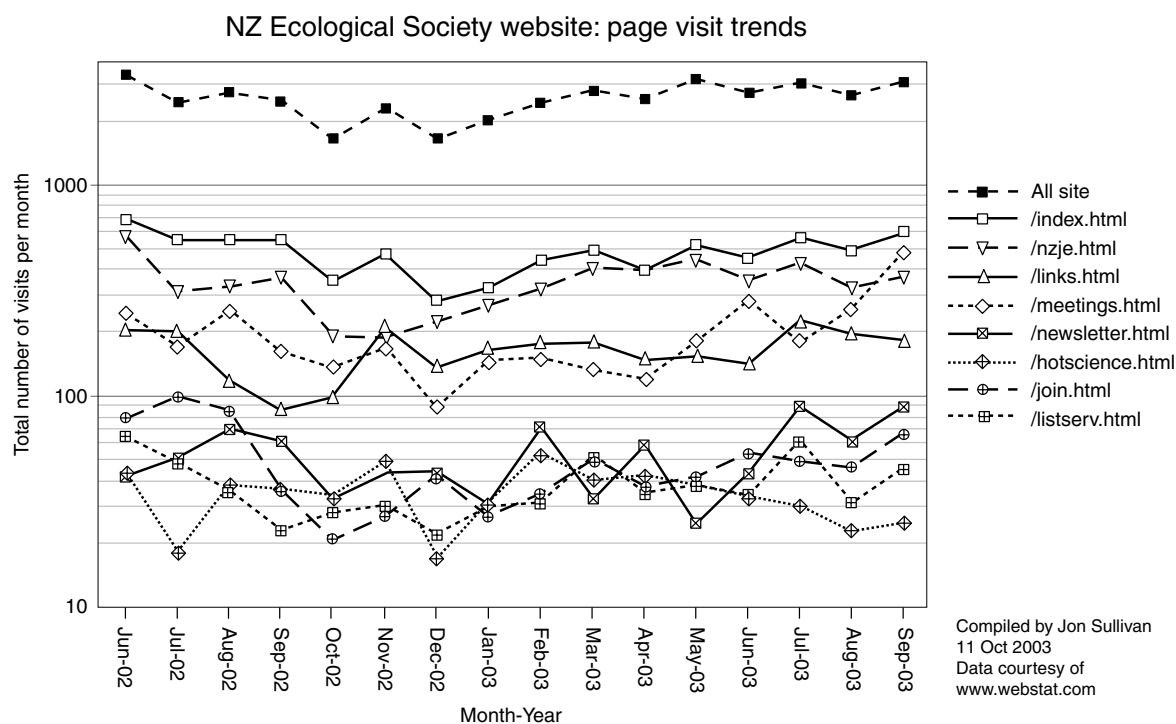


Figure 1. Total number of visits per month to different parts of the NZES website, beginning in June 2002, the first full month of the new website structure. Note that the number of visits to the NZJE, Newsletter, and HotScience sections of the website are minimum estimates, as they only record visits to the entry page of each of these sections. Visitors may also jump straight to pages within these sections using internal or external search engines (e.g. www.google.com).

We hope that we will be able to reach critical mass, where this service will become self-sustaining as authors submit summaries of their international publications as they are published.

- We switched web hosting from Landcare Research to the NZ Royal Society. Landcare Research had been kindly providing the Society with 5 MB of free space on their server for our original website. The Royal Society, which hosts many scientific websites, offers 30 MB of free server space, and a number of web tools that were not readily available through Landcare (such as the council's @nzes.org email addresses, and the ability to host SQL databases which we plan to use in the future for NZJE issues and HotScience entries). In anticipation of our mountain of journal article pdfs, the Royal Society has offered us 300 MB of sever space for the very cheap annual rate of \$300.
- Different parts of the website are now updated and managed by the appropriate members of council (and affiliated positions). Alastair Robertson is now the webpage editor for the popular Meetings page, the Newsletter pages, and the HotScience pages. Alison Evans keeps the content of the Awards page up-to-date. Carol West is doing the same for the Education page. Mark is keeping an eye on the links page. This has freed up time for the webmaster to work on technical issues involved with preparing the website to host journal articles.
- We now know how to restrict access to parts of the website by password protection, blanket institution access, or both. This means, for example, that somebody working at Landcare Research, an institutional subscriber to NZJE, will be able to download journal articles without needing to enter a password. Using this technique, we have also been able to create a password-protected Council part of the website for coordinating and archiving Council activities.

Planned website developments for 2004 include the following:

- online availability of NZJE abstracts and pdf articles back to the beginning of time. This will be driven by a robust, low-maintenance website database (when the webmaster has figured out how to do that).
- an enlarged HotScience service with an improved user-interface.
- online access to abstracts from past conference proceedings and selected society publications.
- the ability to join the society, change membership details, and renew subscriptions all entirely via the website through a secure banking service.

The site continues to benefit from member feedback, pointing out errors and suggesting improvements. Keep the emails coming.

Jon Sullivan

webmaster@nzes.org.nz

NEWSLETTER EDITOR'S REPORT

I have now stumbled along to produce this, my 8th newsletter, four in each year of my editorship. The newsletter is the main avenue for communication with the membership and continues to be well supported by members and council for this purpose. Electronic communication of course is gradually replacing print, and the newsletter now appears first on the webpage at <http://nzes.org.nz/newsletter/newsletter.html>, where there also an electronic archive of back issues going back to no 88 (June 1998). NZES may one day decide to ask members if they want to continue to receive hard copy or whether electronic access only is sufficient.

Submissions to *Hotscience* have gradually tailed off, as the keen ones have sent in their backlog and now just send new things as they appear. I know however that there is a lot of recent stuff out there that hasn't been summarised, so our plans to fill out the gaps by using some of the TFBIS grant to write summaries and citations to the missing papers we can find to put on the online version of *Hotscience*. Members can help by checking the online version to see which of your papers are missing and sending us a list. We would prefer that you wrote the 100-word summaries yourself, but we will draft something if you really don't have time to do it useful. My hope is that assuming we can make the list more-or-less complete, the *Hotscience* page will become a one-stop shop for finding papers on New Zealand ecology.

AWARDS CONVENOR'S REPORT

Te Tohu Taiao Award for Ecological Excellence

This award was presented to Dr Phil Cowan at the 2002 Ecological Society Conference in Cairns. Phil has contributed greatly to our understanding of the biology and demography of possums in New Zealand. He has a number of links with international research centres and has published extensively on the subject of possum biological control.

Best Publication by a New Researcher.

Angela Moles was the recipient of this award in 2002. Her publication entitled "Latitude, seed predation and seed mass" which was published in the *Journal of Biogeography* was considered to be worthy of the award by the council and is likely to be widely referenced in the future.

Best Student Conference Paper

Last year this award was presented to Yanbin Deng from the University of Auckland. She gave a great presentation entitled "A palynological record of human impact on vegetation at Wangapoua Estuary at Great Barrier Island, New Zealand".

Honorary Life Membership

John Ogden was elected to honorary life membership of the NZES. John is well known both within NZ and internationally for his work on forest dynamics and has been a committed mentor to many students during his time at Auckland University. John has always had a strong conservation ethic and has been a strong advocate of basing research on a sound ecological understanding.

UPCOMING MEETINGS

4th International Conference on "Applications of Stable Isotope Techniques to Ecological Studies"

19–23 April 2004, Museum of New Zealand, Te Papa Tongarewa, Wellington.

The goal of this Conference is to assemble a wide range of scientists using stable isotope techniques and engaged in ecological research to share ideas and state-of-the-art science with the broader scientific community. Stable isotope approaches and methodologies are well suited to understanding sources and processing of nutrients, behaviour of contaminants in complex food webs, studies of nutritional pathways, trophic relationships, and wildlife research in marine, terrestrial and aquatic systems, among many others. The meeting is motivated by the need to identify where knowledge in ecology remains deficient, and where future stable isotope research and interdisciplinary efforts could be best applied. This will be done through oral and poster presentations together with informal discussions and debate.

Further details on the conference including information on registration fees and financial assistance for student attendance at the conference can be found at <http://207.195.94.13/isoecol/> Online registration, together with field trip details, will be available very soon.

Estimating Animal Abundance

19–22 July 2004, University of Canterbury, Christchurch.

Presenters: Dr. David Borchers is head of the Research Unit for Wildlife Population Assessment. He has 15 years experience in animal abundance estimation, 10 years experience teaching and is the lead author of the main course text. Prof. Walter

Zucchini is director of the Institute of Statistics and Econometrics at the University of Göttingen. He is a co-author of the main course text and of the associated software library WiSP. He has 30 years of teaching and consulting experience.

This four-day workshop will introduce participants to the most important methods of estimating animal abundance, including recently-developed methods. We will explain the common key statistical concepts underlying the methods, and build on these to create an understanding of advanced and recently-developed methods. The workshop will combine lectures with hands-on computer sessions aimed to give participants experience in using the methods. The material is designed primarily for life- and environmental scientists, wildlife managers and conservation workers, but it will also be of interest to applied statisticians working in these fields.

The following publications and software will be provided to participants at no additional cost:

- Estimating Animal Abundance: Closed Populations, D.L. Borchers, S.T. Buckland and W. Zucchini, Springer Verlag, 2002.
- Lecture notes containing all of the overheads and slides shown during the workshop.
- The free statistical software R and the wildlife simulation program used on the course.

Cost: \$NZ950 + GST until 1 March 2004. After that there will be a \$NZ200+ GST late fee if any places are available.

This workshop will follow on from the International Biometrics Conference in Cairns (11–16 July 2004 <http://www.ozaccomm.com.au/cairns2004/>), which features an invited session on "New developments in wildlife population assessment", with Byron Morgan and Steve Buckland (United Kingdom).

<http://www.creem.st-and.ac.uk/conferences.php> or contact Ian Westbrooke iwestbrooke@doc.govt.nz

MEETINGS DIARY

New entries are marked with an asterisk.

22–24 October 2003

Greening the City: Bringing Biodiversity Back into the Urban Environment

Conference of the Royal NZ Institute of Horticulture (in association with the CCC, ECan, Landcare Research and PGG)

Chateau on the Park, Christchurch.

<http://www.rnzih.org.nz/pages/conference2003.htm>

Email: d&amoyle@xtra.co.nz

23–26 October 2003

EIANZ Outback Summit “Earth Fire Water Spirit”
Broken Hill, NSW.

<http://www.eianz.org/2003conference/2003conference.htm>

*** 3–4 November 2003**

Integrated Catchment Management National Workshop

WEL Energy Trust Academy of Performing Arts,
University of Waikato, Hamilton. Contact Nick
Edgar, tel. (04) 977 2524 or email

nick@landcare.org.nz

13–14 November 2003

Fresh Water New Zealand: Problems, Processes and Priorities

Royal Society of New Zealand Conference, AUT,
Auckland

<http://www.rsnz.org/secure/events/freshwater.php>

Email: gill.sutherland@rsnz.org

16–20 November 2003

Theory and Practice in Ecology

The annual conference of the New Zealand
Ecological Society, University of Auckland,
Auckland.

<http://www.sbs.auckland.ac.nz/ecolsoc2003/>

18–21 November 2003

New Zealand Hydrological Society Annual Conference

Taupo.

<http://www.hydrologynz.org.nz/society-conferences.html>

24–28 November 2003

DNA Technology workshop

Massey University, Palmerston North. An
introduction to the theory and practice of DNA
technology. For information and enrolment see

<http://imbs.massey.ac.nz/workshop.htm>

26–28 November 2003

*The Meteorological Society of New Zealand (Inc)
24th Annual Conference*

Christchurch. Contact r.turner@niwa.co.nz or visit

<http://metsoc.rsnz.govt.nz/2003/conf2003.html>

27–29 November 2003

Deep-Sea Chondrichthyan Fish Conservation and Management Meeting

University of Otago. See

<http://www.deepsea.govt.nz/index.aspx>

1–4 December 2003

Geological Society Conference

Further details can be found at

<http://www.otago.ac.nz/geology/gsnz-conf-2003.html>

1–5 December 2003

*Joint New Zealand Limnological Society and
Australian Society for Limnology Conference*

Deakin University, Warrnambool, Australia. See

<http://limsoc.rsnz.org/Limsoc%20conference2002.htm>

1–5 Dec 2003

3rd International Wildlife Management Congress

University of Canterbury, Christchurch.

<http://wildlife2003.landcareresearch.co.nz/>

8–10 December 2003

Ecological Society of Australia Annual Conference

University of New England, Armidale, New South
Wales, Australia.

<http://www.ecolsoc.org.au/2003/index.html>

19–23 January 2004

Southern Connections IV

University of Cape Town, Cape Town, South Africa.

<http://www.uct.ac.za/conferences/sc2004>

5–8 April 2004

Entomological Society of NZ Conference

Nelson. The organisers are calling for papers and
posters for presentations. Contact Richard Harris
(harrisr@landcareresearch.co.nz) for further
information or check

<http://www.ento.org.nz/conf04.htm>

19–23 April 2004

*4th International Conference on “Applications of
Stable Isotope Techniques to Ecological Studies”*

Museum of New Zealand, Te Papa Tongarewa,
Wellington.

<http://207.195.94.13/isoecol>

7–9 July 2004

*A conference on Sustainability, Engineering and
Science*

Auckland. For more information, contact Vicky
Adin, Conference Manager, Conference SES, PO
Box 272.1460, Papakura, Auckland, (09) 299 7538,
vickya@kiwilink.co.nz, <http://www.nzsses.org.nz>

19–22 July 2004

Estimating Animal Abundance

University of Canterbury, Christchurch.

<http://www.ruwpa.st-and.ac.uk/aecourseNZ/> or

contact Ian Westbrooke iwestbrooke@doc.govt.nz

10–13 August 2004

*Forest diversity and resistance to native and exotic
pest insects*

The International Union of Forestry Research
Organisations (IUFRO) Conference, Hanmer
Springs, Canterbury.

<http://iufro.boku.ac.at/iufro/iufroconf/d7/wu70307/nz/>

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Contributions for the newsletter – news, views, letters, cartoons, etc. – are welcomed. If possible, please send articles for the newsletter both on disk and in hard copy. 3.5" disks are preferred; MS Word, Word Perfect or ASCII file text, formatted for Macintosh or MS-DOS. Please do not use complex formatting; capital letters, italics, bold, and hard returns only, no spacing between paragraphs. Send disk and hard copy to:

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