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May 2016

Editorial by Lisa Jamieson

B3 conference shaping the future of biosecurity in New Zealand

Te Papa was buzzing with Better Border Biosecurity (B3) 9-10 May 2016 as around 150 biosecurity researchers and stakeholders gathered to discuss the research needed to underpin New Zealand's future biosecurity system. The conference looked at some of the biosecurity research underway in New Zealand and overseas, future biosecurity challenges such as changing trade and tourism, and reinforced the importance of science for an effective border biosecurity system.

Presentation topics spanned the biosecurity continuum and included emerging risks (i.e. *Ceratocystis* and *Phytophthora* diseases, brown marmorated stink bug (BMSB), fruit fly and bark beetle pests), risk assessment, risk management, diagnostics, surveillance, eradication and stakeholder views.

Risk assessment and management topics included pre-emptive risk assessment for BMSB biocontrol, a generic risk assessment model for import pathways, utilising international plant sentinel networks to predict impacts, founder population estimates for bark beetles.

Presentations on diagnostics covered the importance of systematics to biosecurity through to new diagnostic frontiers including next generation sequencing.

There is some cutting edge technology coming out of the surveillance and eradication research areas including automatic detection of pests in the environment, the increasing use of drones, the construction of a national sterile insect technique (SITPlus) facility in Australia potentially using non-irradiation methods for inducing sterility and breeding lines for release into Australia to reduce the pest loading of Queensland fruit fly that might end up in NZ, the use of Global Eradication and Response Database to compile biosecurity stories and patterns for public engagement, surveying and predicting the impact of increased tourism, pest incursion toolkits for urban incursions.

Students gave 5 minute gems and/or posters on a range of topics, simulated voyage analysis for brown marmorated stink bug, identifying risks from China using web based knowledge, improving host specificity tested of parasitoids, acoustic detection of beetles, using expert elicitation to bridge the researcher/practitioner gap, the use of next generation sequencing in biosecurity, combining eradication tools.

Stakeholder views 2025 were presented and main points were that stakeholders wanted everyone participating in biosecurity; better information sharing; faster, new and efficient tools for detection/sensors; improved risk assessment modelling; better pest management tools; improved methods for predicting the impacts of climate change, faster better use of information, improved public awareness/acceptance of eradication techniques, better use of citizen science for both urban pest control and faster detection of incursions, ...

Editorial continued....

more use of social media to get people involved, better prediction of impacts for new organisms, better understanding of extrapolating quarantine studies to real world predictions, better understanding of what we have here, core capability sustained.

Nathan Guy reinforced that biosecurity is his number one priority as Minister. That's because it underpins all of our other goals. We want to double the value of our primary sector exports by 2025, but we can't do that unless we protect ourselves from pests and diseases. When asked about increasing the investment in biosecurity, he laid down a challenge for participants – tell him what we are not funding that needs to be funded for biosecurity for NZ?

Some of these things may include social science and increasing public awareness, better linkages with the engineers/builders of new tools and gadgets to improve/streamline biosecurity including the sharing and use of biosecurity data/information.

Engagement was highlighted something that we could do better — in terms of general public and endogenous engagement. The success of public engagement on biosecurity issues in Japan was demonstrated by Koichi Goka, a very enthusiastic, passionate researcher who seems to be the face of alien species research in Japan. This spunk and enthusiasm also demonstrated by Andrew Robinson from CEBRA in Australia, whose key message was: let the stakeholders guide the research and the outcomes will be taken up more readily giving your biosecurity research more purpose.

All and all a great event and congratulations to the organisers and participants.

NZPPS proposed change to the societies rules

The rules of the society appear in the back of every NZPP journal and the committee is proposing a few rule changes at the next AGM to be held on Wednesday 10th August 2016 at the NZPPS conference in Palmerston North.

It is increasingly becoming difficult to run the society by appointing officers that operate on a voluntary basis. Over the last couple of years, when officers were not able to be appointed at the AGM, the executive have taken it upon themselves to contract these services out to suitably qualified individuals to enable the society to continue to function.

The executive have also, taken the opportunity to carry out some minor changes to the rules i.e. removing Hon. from Treasurer and Secretary/Treasurer.

The proposed changes are to rules 6 & 7 as outlined in red below and members are welcome to provide feedback prior to the AGM to lisa.jamieson@plantandfood.co.nz

6. OFFICERS OF THE SOCIETY:

The officers of the Society shall be:

1. President
2. Vice-President
3. ~~Hon.~~ Secretary
4. ~~Hon.~~ Treasurer
5. Editor

and shall be elected at the annual meeting. Officers shall take office at the termination of the annual meeting in which they are elected and hold office until the termination of the next annual meeting. Newly appointed officers shall take office at the same time. **The Executive Committee shall have the power to contract the services of the Secretary, Treasurer and Editor. The Executive Committee shall interview members and non-members when selecting and considering suitably qualified candidates for these positions. The Executive Committee shall request the members in a timely manner to suggest any suitably qualified persons for its consideration when these positions become vacant. Contracted personnel shall be ratified by the members at the following AGM.**

7. EXECUTIVE COMMITTEE:

The Executive Committee shall consist of:

1. The President
2. The Vice-President
3. The Secretary
4. The ~~Hon.~~ Treasurer
5. The immediate past President
6. The Editor
7. Six other members

The Executive Committee shall have **the** power to appoint new members to fill any casual vacancies and shall have the power to co-opt not more than three other members. **Contracted personnel shall be members of the Society in all respects.**

From the Editor – 2016

A total of 61 abstracts were received by NZPPS. Fifty-eight of them were provisionally accepted, two were declined and one abstract was subsequently withdrawn by the author. The first abstract was declined because the authors did not confirm their willingness to become members of NZPPS and to travel from Thailand to present their paper at the conference in August in Palmerston North. The second abstract was declined because it was uploaded in error. Thirty-seven abstracts (64%) were uploaded by authors affiliated to Plant and Food Research. Four to six abstracts (10% or fewer) were submitted by staff at Lincoln, Massey,

AgResearch, Landcare and 'other'. The majority (85%) of abstracts were submitted by the due date of 15 February.

Authors were notified by the Editor that their abstract had been provisionally accepted or declined within 1-2 days of submission, which allowed the majority (83%) of authors 60-100 days to submit a full paper. Pathology papers that focused on apples were the most common. If 25% of the authors do not submit full papers, which is the typical attrition rate over the years, then 44 papers are likely to be published in 2016. This number is similar to the number published by NZPPS in 2010, 2011, 2012 and 2014. With an understanding of the heavy work load faced by scientific staff, and in an effort to reduce this attrition rate, the editor sent a personal reminder to all authors in March to prioritise their paper submission. NZPPS values all papers! The editor is grateful to the 57 members of the Technical Editorial Committee who have agreed to review the draft papers.

Tom Batchelor

NZ Psa Symposium 2016

To be run immediately before the NZPPS conference:

**Registration - Sunday 7th August, 5-8pm
Monday 8th August 2016, 8am-5pm
Palmerston North Convention Centre,**

The Psa symposium will provide the opportunity to hear the latest research results hot off the press with two invited speakers; Dr Francesco Spinelli (Italy) and Assistant Professor Liliana Cano (USA).

There will be a focus on a fresh exchange of ideas around solving the issues associated with Psa in the kiwifruit industry. Registration will take place at the venue on Sunday evening the 7th August 2016. Monday will be a full day kicking off at 8am with oral presentations, broken up by workshops on the following topics: Kiwifruit Microbiome, Epidemiology, Psa control and Psa genome.

If you are involved with or interested in Psa, please put August 7th-8th into your diary!

Symposium Registrations will open early June, online via www.nzpps.org

To be involved with this symposium we urge you to submit your 150 word abstract if you haven't already done so, stating whether you would like to give an oral presentation or poster, to: clare.morris@zespri.com

2016 Annual New Zealand Plant Protection Society Conference

**9-11 August 2016
Palmerston North Convention Centre**

The NZPPS conference is New Zealand's prime venue for the exchange of scientific information on all aspects of plant protection.

Oral presentations include summaries of papers published in our peer-reviewed journal, New Zealand Plant Protection. The conference also features a lively poster session.

Quiz evening - yes it's back! Following on from the 2014 success and the requests from the 2015 conference we are planning to have a quiz evening at this year's conference. We are currently in the process of booking out a hospitality venue on the evening of Tuesday 9th August, only a few minutes' walk from the Convention Center. We are negotiating some great drink and food specials and hopefully some entertaining questions. So start reading up, watching mastermind and other quiz shows.

The **annual general meeting** for 2016 of the New Zealand Plant Protection Society (Inc.) will be held on 10 August (afternoon) at the conference venue.

So put in your travel requests, blank out your diaries, and get prepared for NZPPS conference. Conference Registrations open online in early June, don't forget to register before 1st August. Due to catering requirements at the venue, a late fee will apply for those who rock up to the rego desk! Costs will be similar to last year.

<https://www.nzpps.org/conference.php>

Book accommodation now, rooms are only being held until mid-July:

1. Copthorne Hotel Palmerston North phone 06 356 8059 quote 801625 for conference rate – superior double or twin rooms \$148.00 GST incll per night per room;
2. Distinction Hotel Palmerston North phone 06 355 5895 quote NZPP Conference for conference rate - Sunday 7th Aug - \$89.00 per night, Mon 8th Aug – Thurs. 11th Aug - \$129.00 per night (limited parking).

Student GEMS session

At this year's New Zealand Plant Protection conference in Palmerston North we are proposing to have a 'Students Gems' session where postgraduate students close to completing their postgraduate research degree can present highlights of their research project. These presentations will be 5 minutes in length. This will provide an ideal opportunity for students to present to an audience of fellow scientists from a range of institutes and

industries. There will be no registration fee for this session, however students who want to attend other sessions at the conference will need to register. Lunch will be provided for students presenting at this session.

Students who are interested in presenting at the Student Gems session should contact Eirian Jones (Eirian.Jones@lincoln.ac.nz). There will be no requirement for submission of abstract but title of presentation should be submitted by May 31st.

The Dan Watkins Scholarship in Weed Science

This Scholarship was established in memory of Dan Watkins who was a leading figure in weed science in New Zealand and founder of the New Zealand Weeds Conference (forerunner of the New Zealand Plant Protection Society). This annual \$5,000 scholarship is fully funded by the George Mason Charitable Trust and awarded on a competitive basis. Students must be enrolled in a program at a recognised New Zealand tertiary institution and be studying relevant research into the biology and control of weeds in New Zealand. Applications close on 1st October 2016.

Nominations are open for the New Zealand Plant Protection Medal



This medal has been instituted by the New Zealand Plant Protection Society to honour those who have made exceptional contributions to plant protection in the widest sense. The medal will be awarded based on outstanding services to plant protection, whether through research, education, implementation or leadership.

The 2016 medal will be the 10th medal the Society has awarded (<http://nzpps.org/medal.php>) and the list of recipients is beginning to look like the Who's Who of plant protection.

Past winners:

- 2015: Gary Barker
- 2013: Andrew Hodson
- 2012: Margaret Dick
- 2011: Jim Walker
- 2010: George Mason
- 2009: Ken Jeffery
- 2008: Arthur Healy
- 2007: Howard Wearing

Who would you like to see added to the list?

Criteria:

- Nominees do not necessarily have to be members of New Zealand Plant Protection Society. However, those nominating anyone must be a member of New Zealand Plant Protection Society.
- Each nomination must include a seconder, who should also be a member of New Zealand Plant Protection Society.
- Nominees would normally be expected to be living in New Zealand, but people living overseas with strong New Zealand connections will also be eligible.

Nominations for the New Zealand Plant Protection Medal will be evaluated on a case-by-case basis by the President, Past-President and one other executive member of the New Zealand Plant Protection Society. In the event of a conflict of interest, when a member of the judging panel has nominated a candidate, that judge shall be replaced by another member of the executive committee. The medal may not be awarded if no suitable nominations are received. The medal will be presented at the annual conference in August.

Closing date 1st July 2016

For enquiries contact secretary@nzpps.org

NZPPS Research Scholarship

The Society offers scholarships in plant protection science to students currently studying at a New Zealand recognised tertiary institution. Closing date 1st October 2016. Application form can be found at <http://www.nzpps.org/scholarship.php>

NZPPS Travel Award 2016

Travel Award funds amounting \$2,500 are to be used at the discretion of the successful applicant, including use for conference attendance, and/or training, either nationally or internationally.

At the annual NZPPS conference dinner, the names of the finalists are placed in a hat and the President randomly draws the winner. The recipient does not need to be present at the dinner in order to receive the award.

Eligibility

- NZPPS welcomes applications from as wide a range of members as possible, including technical staff as well as scientists.
- Applicants must be current financial members of the NZPPS and have paid ordinary membership for at least 5 consecutive years. Contact the secretary to check your membership eligibility.
- Current members of the NZPPS Executive are excluded from that year's award.

- Applicants must describe the value of their proposed travel to plant protection in New Zealand.
- Applicants will need to list all international scientific research and conference travel they have made within the previous 3 years, as preference will be given to those who have had less opportunity to travel overseas recently.
- Applicants will need to have a signature to endorse their application as a true record from a current employer or direct manager.
- Funds must be used within 1 year of receipt (normally at the annual NZPPS conference dinner in August).
- The successful applicant will be required to write a short report for the NZPPS newsletter and website detailing the benefits derived. This must be received before the annual conference immediately following receipt of the scholarship.

Application process

- Download an application form http://www.nzpps.org/travel_award.php.
- Applications must be received **by email** to the secretary secretary@nzpps.org by 1 July 2016. For enquiries contact secretary@nzpps.org

2015 Winner of the NZPPS Travel Award - Joel Vanneste

I was the lucky recipient of the 2015/16 New Zealand Plant Protection Society Travel Award.

As agreed, I used the money to participate at the 3rd International Symposium on Biological Control of Bacterial Diseases which was held in Belgrade Serbia. I achieved more than initially anticipated. I gave two oral presentations at the symposium, one on biological control of *Pseudomonas syringae* pv. *actinidiae* (Psa) and the other on *Pantoea agglomerans* as a biological control agent for fire blight. I was also co-author on a keynote presentation on the different options available for the control of fire blight.

The symposium was a fantastic opportunity to meet scientists working on biological control of plant bacterial pathogens and discuss the specific challenges we are facing. It was also a great opportunity to link personally with some internationally respected scientists such as Prof. Steven Lindow (Berkeley University, California USA) who accepted, in principle, my invitation to visit New Zealand and give a series of seminars/lectures during his stay. Prof. Lindow is one of the few plant pathologists who are members of the National Academy of Sciences of the USA. His current research projects on epiphytic capabilities of pathogenic *Pseudomonas* and control of plant pathogenic bacteria including *Xylella* and *P. syringae* would be of great interest to the New Zealand scientific community and could be of great help to the New Zealand horticulture industry.

At the end of symposium I accepted an invitation to give a guest lecture on: 'Biological Control of Plant Bacterial Pathogens' at the University Federico II of Napoli, Italy. I also gave a seminar on 'Biological Control of Fire Blight' at Bologna University, Italy. None of that would have been possible without the financial support of the society; I am extremely thankful for that support.

Joel Vanneste

CAWS Medal for Leadership 2016

CAWS recognises outstanding contributions to weed management in Australasia through the award of the CAWS Medal for Leadership. This is a prestigious award with, on average, no more than two medals being awarded at each of our biennial Australasian Weeds Conferences.

The award recognises a contribution to the science, technology and practice of weed management through research, teaching, administration, extension and implementation of programs, which is:

- outstanding, in that the contribution is recognised by peers to be exemplary in substance, objectives, methods and results;
- influential on the work of others;
- sustained over a long time, perhaps ten years or more;
- substantial in that the contribution is broadly based across several categories listed above; and
- national in its impact.

Nominations are currently being sought for appropriate members from your society to receive a CAWS Medal for Leadership at the Australasian Weeds Conference being held in September this year. Nominations close on 11th July. We are giving you 4 months prior notice as it can take a while to put nominations together. More information on the nomination process plus a nomination form can be found at: http://www.caws.org.au/caws_medal.php

Where to find jobs in Plant Protection in New Zealand

Toni Withers has put together a simple summary for members searching for jobs in plant protection....

1. All crown research institutes now collaborate to advertise their jobs on a combined website: <https://careers.sciencenewzealand.org/home>
2. Don't forget about Seek, <http://www.seek.co.nz/>
3. Also these days it pays to put a search on Trade Me Jobs <http://www.trademe.co.nz/jobs>

4. Science jobs at the Australasian Plant Protection Society
<http://www.appsnet.org/public/careers/default.aspx>

News from the Treasurer

Many of us believe in the value of what the New Zealand Plant Protection Society does. We manage a charity to fund the highly sought after NZPPS Research Scholarship. In addition we administer the Dan Watkins Scholarship in Weed Science, the NZPPS Travel Award for members, the Plant Protection Medal to name just a few, and are always trying to meet our society's' objective of pooling and exchanging the latest developments on the management of weeds, pests and pathogens of plants in New Zealand.

To build our capital of funds to support these activities we accept donations at any time through our website <https://www.nzpps.org/payment.php>. Unless specified all donations received go to build capital for our NZPPS Research Scholarship, a registered charity. The Society then uses the interest earned annually to fund the scholarship. The current low-interest economic climate means the capital invested in this fund currently only covers half of what we would like to donate each financial year.

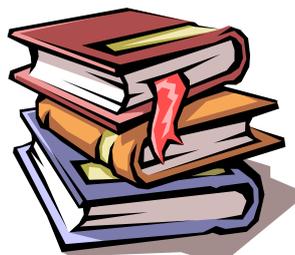
From now on if you wish to remember NZPPS by **leaving us a gift in your will**, we will be supplying instructions on our website to enable making a bequest very easy for you. Specified sums of money, or even percentages of your estate, can be given to the NZPP Society. These can be a general gift of funds that would give us the flexibility on how to use, or they could be specified for a particular purpose that you prefer, such as publishing a book.

For further information, go to <http://www.nzpps.org>, or contact me for a confidential discussion on how best to implement your wishes and how best you can support NZPPS.

Toni Withers, treasurer@nzpps.org



Books for sale now at Touchwood



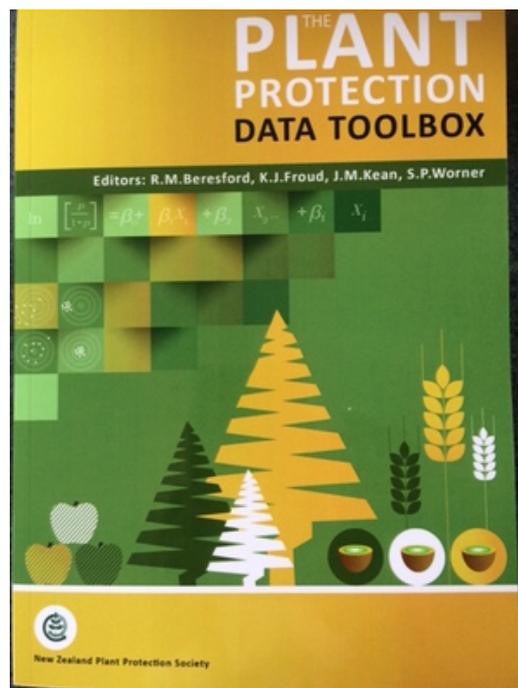
Books for sale now at Touchwood

NZPPS titles (books, journals and symposia proceedings) are now distributed by Touchwood

Books. Our website now points you directly to the Touchwood website and there is still a 10% discount for NZPPS members on NZPPS titles purchased from Touchwood. We are also able to sell at a discounted rate to members at our conferences.

Best sellers include: *An Illustrated Guide to Common Weeds of New Zealand (Third Edition)*
An Illustrated Guide to Weed Seeds of New Zealand
An Illustrated Guide to Common Grasses, Sedges and Rushes of New Zealand
A Guide to the Identification NZ Weeds in Colour by Uprichard

Also available are past volumes of our journal volumes 59-67 along with symposia proceedings including 2016: The Plant Protection Data Toolbox



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See a full list ... <http://www.nzpps.org/books.php>

Future conferences

9th Australasian Soilborne Diseases Symposium Registration open!!

Registration is open for the 9thASDS, to be held in
Hanmer Springs, New Zealand from 14-18
November, 2016.

Full details of the Symposium, including Offered
Paper formats, abstract submission guidelines and
access to registration protocols, are available on the
9thASDS website (www.lincoln.ac.nz/ASDS).

Registration can also be accessed directly using the
following link:

<https://www.regonline.co.nz/register/checkin.aspx?MethodId=0&eventsessionid=902ab3d2236143d3a030d5400269aea6&eventID=1824156>

The 9thASDS Organising Committee look forward to
welcoming delegates to New Zealand and Hanmer
Springs in November.

Richard Falloon

IPPC (International Plant Protection Congress) in**6th International Bacterial Wilt Symposium**

3 July - 7 July, 2016 Toulouse, France Contact

Email: IBWS2016@toulouse.inra.fr www.ibws2016.org

3rd International Spongospora Workshop

July 18 - 21 Einsiedeln, Switzerland

<http://www.spongospora.ethz.ch/workshops.html>

XVII International Congress on Molecular Plant-Microbe Interactions

17 July - 21 July, 2016 Portland, Oregon, U.S.A.

<http://www.ismpmi.org/Congress/2016/Pages/default.aspx>

20th Australasian Weeds Conference (20AWC)

11-15 September 2016, Perth, Western Australia

<http://www.20awc.org.au/>

9th Australasian Soilborne Diseases Symposium

14 November - 18 November, 2016 Heritage Hanmer
Springs, Canterbury, New Zealand.

http://www.appsnet.org/9thASDS_Registration_Open.pdf

ICE 2016, XXV International Congress of Entomology, 25-30 September 2016 Orlando, Florida, USA.

<http://ice2016orlando.org>

31st Annual Tomato Disease Workshop

1 November - 2 November, 2016 Hendersonville,
North Carolina, USA

<https://www.ncsu.edu/mckimmon/cpe/opd/TDW/>

III International Symposium on Bacterial Canker of Kiwifruit

28 March - 31 March, 2017 Santiago, Chile

<http://www.psa2017.cl/>

Asian Conference on Plant Pathology 2017

12 September - 15 September, 2017 Jeju Island,
South Korea

<http://acpp2017.org/>

21st APPS Conference

25 September - 28 September, 2017 Brisbane,
Queensland, Australia

Web: <http://www.apps2017.com.au/>

Further listings are available here:

<http://www.iobc-wprs.org/events/index.html>

<http://www.isppweb.org/>

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