



New Zealand
Biosecurity Institute



National Pest
Control Agencies



SHAKE IT UP!

NETS2013
31 July - 2 August
Shantytown

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Day 1 Wednesday 31 July 2013

- 7.30 Assemble at Christchurch Railway Station for TranzAlpine train to Greymouth.
- 8.15 TranzAlpine - morning tea, registration, sights of biosecurity/biodiversity significance, issues discussions, boxed lunch

12.45 Arrive Greymouth, bus to Shantytown

- 1.40 Conference Opening
- 2.00 Address from Minister of Primary Industries, The Honorable Nathan Guy
- 2.30 The New Zealand Game Animal Council and its role in biosecurity management
Garry Ottmann, Game and Forest

3.00 Afternoon tea

	WEST COAST Chair: Ann Thompson	INVERTEBRATES Chair: TBA	NPCA 1 Chair: Bruce Warburton	NPCA 2 Chair: Euan Kennedy
3.20	Weed and biosecurity issues on the West Coast. <i>Tom Belton, Dept of Conservation</i>	Ant dispersal risk analysis tool for commercial properties. <i>Richard Toft, Entecol Ltd / Alice McNatty, Hawkes Bay Regional Council</i>	Novel long-term possum control devices. <i>Jamie MacKay, University of Auckland</i>	Pigs in paradise: innovative feral pig control in the Waitakere Ranges, Auckland. <i>Garrick McCarthy, Auckland Council</i>
3.40	Local elimination of <i>Undaria pinnatifida</i> from the Fiordland Marine Area: three years of battles are won but the war continues. <i>Jennie Brunton, Min for Primary Industries</i>	Control options for Argentine and Darwin's ants. <i>Melissa Mathieson, NZBI Study Award recipient</i>	New lures for possum control. <i>Brent Barrett, Lincoln University</i>	Conservation benefits of possum control in forests (DOC project) and where to next? <i>Roger Pech, Landcare Research</i>
4.00	West Coast lakes biodiversity and biosecurity. <i>Paul Champion, NIWA</i>	Sprays, baits and granules: What's best for ant control? <i>Paul Craddock, Flybusters</i>	Henry traps - the learning curve. <i>Bruce Brewer, Wellington Regional Council</i>	Pest fencing or pest control: a bio-economic analysis of cost-effectiveness. <i>Grant Norbury, Landcare Research</i>
4.20	Mining, biodiversity and biosecurity on Denniston Plateau, Westport. <i>Kerry Bodmin, NIWA</i>	Estimating relative abundance of ants using electronic colour analysis. <i>Mel Galbraith, Unitec</i>	Development of a stoat/rat re-setting toxin delivery device (Spitfire). <i>Des Smith, Lincoln University</i>	Impacts of Himalayan tahr on snow tussock grasslands. <i>Ingrid Gruner, Dept of Conservation</i>
4.40	The great white butterfly incursion response. <i>Chris Green, Dept of Conservation</i>	Is NZ up to it? Pre-emptive biocontrol of invasive arthropods in a conservation context. <i>Ronny Groentemann, Landcare Research</i>	Automated pest monitoring and surveillance devices. <i>Brent Barrett, Lincoln University</i>	Agri-environmental indicator development for the New Zealand Sustainability Dashboard. <i>Dan Tompkins, Landcare Research</i>
5.00	A history of border protection. <i>Jim Lawrence, Min for Primary Industries</i>	First record of <i>Acizzia solanicola</i> in New Zealand. <i>James Haw, Min for Primary Industries</i>	Increasing possum detection rates at low densities. <i>Peter Sweetapple, Landcare Research</i>	An overview of a pest data field recording system. <i>Ken Wright, Tasman District Council</i>

5.30 New Zealand Biosecurity Institute Annual General Meeting

Day 2 Thursday 1 August 2013

9.00 Pathways to Paradise and Pest Harmonization Processes - Hawai'i biosecurity issues
Darcy Oishi, Hawaii Department of Agriculture

9.30 Biosecurity GEMS - short presentations from biosecurity practitioners about projects they are working on.

10.30 Morning tea

	AQUATICS Chair: Don McKenzie	MODELLING Chair: Richard Bowman	TB and VECTOR MANAGEMENT Chair: Brent Rohloff
11.00	Grass carp: panacea or pariah. <i>Rohan Wells, NIWA</i>	Measuring the impact of the gorse pod moth on gorse seed production. <i>Craig Sixtus, Lincoln University</i>	Making ground control of possums more cost-effective. <i>Dave Morgan, Landcare Research</i>
11.20	Carp-N Neutral Project. <i>David Byers, Waikato Regional Council</i>	Managing weeds in a changing climate. <i>Darren Kriticos, CSIRO Australia</i> Population characteristics of two woody weeds approaching their cold range limits. <i>Mike Cripps, AgResearch</i>	Improving the efficiency and effectiveness of possum ground control and monitoring in the southern South Island. <i>Carlos Rouco, Landcare Research</i>
11.40	Mediterranean fan-worm (<i>Sabella spallanzanii</i>) in Northland: what have we learnt? <i>Irene Middleton, Northland Regional Council</i>	Projected impact of pest management strategies on the spread of an invasive weed. <i>Mike Dodd, AgResearch</i> A model for weed management at the regional scale in New Zealand. <i>Graeme Bourdôt, AgResearch</i>	Encounter and interaction rates of possums with traps - can we improve our detection and control? <i>Bruce Warburton, Landcare Research</i>
12.00	Managing domestic marine pathways. <i>Tim Riding, Min for Primary Industries</i>	GEFPAS - Prevention, control and management of invasive alien species in the Pacific Islands. <i>Dave Moverley, SPREP</i>	Pest management qualification review improving vocational training. <i>Steve Ellis, Taranaki Regional Council</i>

FIELDTRIPS

PAPAROA COAST and PENGUINS

Follow the scenic 'Coast Road' north from Greymouth, with a first stop at the West Coast Ragwort Control Trust, where delegates will be introduced to the latest addition to the biocontrol war on ragwort. From there visit one of the sites where the West Coast Blue Penguin Trust focuses its efforts. The final stop for the day is a chance to see the world famous Pancake Rocks and blowholes at Punakaiki.

PAPAROA COAST and PUNAKAIKI

Visit the Punakaiki Coastal Restoration Project which is being undertaken by NZ Conservation Volunteers, as well as hear about management of animal pests in the adjacent Westland Petrel Special Protected Area and the wider Paparoa National Park. Then check out the southernmost control site for African Feather Grass, a total control pest plant, followed by a visit to the world famous Pancake Rocks and blowholes at Punakaiki.

BUSTING CLAYS

The annual competition for the claybird shooting trophy takes place again, this year at a local West Coast gun club. If you would rather kill than cuddle, and you reckon busting clays is your thing, have a go at getting your name on the trophy.

GREY VALLEY KIWI CRECHE

Follow the Grey River to the Crèche du Bois Gentil (meaning "Friendly Forest Crèche"), a 12 ha site protected by 1.6km of predator proof fencing providing a sanctuary for great spotted kiwi as well as other native species. DOC staff and members of the Paparoa Wildlife Trust who manage the Crèche will be your guides, and you will get to see how telemetry gear is used to locate kiwi. If time permits, on the return journey to Greymouth there may be an opportunity to visit the historic Brunner Mine site.

GREYMOUTH LAGOON and HISTORIC BRUNNER MINE SITE

Visit the Blaketown and Cobden Lagoons at the mouth of the Grey River, and hear about the weed issues facing these two lagoons. Hear about weed control efforts, and about an ongoing project to restore the lagoon habitat and improve whitebait spawning areas. The next stop is the Brunner Historic Mine Site to hear about some of the introduced plants and weeds that have persisted there, as well as some of the fascinating industrial and cultural history of this once thriving mining settlement.

6.00 Happy Hour

7.00 Conference Dinner

Day 3 Friday 2 August 2013

PROTECTING LANDSCAPES

Chair: Sara Brill

POST BORDER

Chair: Glenn Aguilar

TB and VECTOR MANAGEMENT

Chair: Matthew Hall

OPEN SESSION

Chair: TBA

9.00	Working together to protect our view from the Desert Road. <i>Craig Davey, Horizons Regional Council</i>	Kawakawa decline: a case study for phytophthora disease management in New Zealand. <i>Graham Burnip, Min for Primary Industries</i>	Effects of 1080 on kea. <i>Josh Kemp, Dept of Conservation</i>	Rabbit haemorrhagic disease for improved rabbit biocontrol in NZ. <i>Janine Duckworth, Landcare Research</i>
9.20	Protecting our coastline from sea spurge (<i>Euphorbia paralias</i>), a serious weed of sand dunes and beaches. <i>Frances Velvin, Min for Primary Industries</i>	Overview of the New Zealand Asian gypsy moth surveillance programme and a review of the current science and strategies. <i>Rory MacLellan, Min for Primary Industries</i>	Improved predictions for masting help in early warning of rodent irruptions. <i>Andrea Byrom, Landcare Research</i>	The spread of the spur-winged plover in New Zealand. <i>Diane Fraser, Unitec</i>
9.40	The good news and bad news about the African club moss (<i>Selaginella kraussiana</i>). <i>Dan Blanchon, Unitec</i>	Screening of algorithms for ensemble modelling of marine and terrestrial invasive species to NZ. <i>Glenn Aguilar, Unitec</i>	Quantifying the forage distance of possums in the Northern South Island High Country. <i>Ivor Yockney, Landcare Research</i>	Indian myna mitigation options for New Zealand. <i>Peter McCarthy, Pest IT</i>
10.00	White bryony eradication project: planning past the barriers. <i>Brad Chandler, Min for Primary Industries</i>	Border to post-border. <i>Rob Simons, Marlborough District Council</i>	Possum vaccination against bovine tuberculosis. <i>Dan Tompkins, Landcare Research</i>	The Silent Forest - Hearing is believing, or is it? <i>Phil Dawson, AHB</i>
10.20	Glyphosate resistance demystified! <i>Trevor James, AgResearch</i>	Pest plant surveillance: Waikato perspective. <i>Darion Embling, Waikato Regional Council</i>	Outcomes of the initial implementation of the Proof of Freedom (POF) framework. <i>Mark Bosson, AHB</i>	The Environmental Protection Authority and its relevance to the biosecurity sector. <i>Matthew Allen, EPA</i>
10.40	How different herbicides work and what do adjuvants do to them? <i>Paul Champion, NIWA</i>	Wilding conifer strategy update. <i>Sherman Smith, Min for Primary Industries</i>	The Council conundrum - doing more, for less. <i>Dave Hodges, Waikato Regional Council</i>	Collaboration: choosing a solution that fits. <i>Mike Harre, Min for Primary Industries</i>

11.00 Morning tea

11.30 Predator-Free New Zealand: an aspirational goal?
Andrea Byrom, Landcare Research

12.00 Conference closing and lunch

12.30 Bus transfer to TranzAlpine, Greymouth for return trip to Christchurch