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MAY 2019

May 2019 Monthly talk

Tuesday 14th May, 2019

Palmerston North City Library @ 7.30 p.m.

George Street Entrance, Palmerston North

Talk: "Restoring balance using biological control".

Speaker: Craig Davey, Horizons Environment Programme Coordinator,
Biosecurity in Plants



The talk will focus on the biological control options for old man's beard with other examples of biological control success and tribulations.

Restoring the balance using biological control - As a nation we learnt too slowly just what is at stake from the slow change to our natural heritage brought by introduced vegetation. The changes, though slower when compared to the effect on fauna by predators, are as far reaching and, in some cases, as irreversible as a species extinction.

Due to morphological traits, an ability to out compete, as well as a lack of predation from insects or diseases in their home range, allows weeds to remove habitats and have relatively free reign once established. It is the unfettered ability to colonise and then transform that is the secret to weed invasion.

The use of biological control to limit and control plants is a technique in use for over one hundred years. Many of our worst weeds are benign in their country of origin. As an example *Tradescantia fluminensis* in Brazil has a biomass per metre square of no more than 200g, where in New Zealand it can be found up to 1000g.

Currently New Zealand has imported four agents; one rust and three insects, in an attempt to reduce the biomass found in New Zealand populations to allow native or other seedlings light and the ability to co-exist, grow through and eventually join the canopy.

All Welcome – gold coin donation appreciated

F&B MANAWATŪ MAY 2019 MONTHLY TRIP

STILL TO BE ARRANGED

MANAWATŪ BRANCH 2019-20 COMMITTEE

Anthea McClelland	Chair
Peter Sebborn	Treasurer
Alice King	Corresponding Secretary
Anthony Kriechbaum	Minute Secretary
Anne-Sophie Pagé	Health & Safety/Advocacy
Jorinna Prinz	General Committee/ Trips
Russell Poole	General Committee
Francois Vallee	Web editor/

Off-Committee

Ian Holder	Communications/Events
Fiona	Events
Helen Herron	

EVENTS

F&B National 2019 Conference & AGM

Event date: Saturday, 29 Jun 2019 8:00am - Sunday, 30 Jun 2019 5:00pm

Event location: Te Papa, Wellington

We're proud to announce that the 2019 Forest & Bird Conference and AGM will once again be held in Te Papa, Wellington. Speakers include, Conservation Minister Hon. Eugenie Sage, School Strike 4 Climate organiser Sophie Handford, Youth delegate to the COP24 Climate talks Adam Currie, National Party Conservation spokesperson Sarah Dowie and climate spokesperson Todd Muller, and Graeme Elliot from the Department of Conservation.

The Sanderson Dinner will take place on the evening of the 29th June with special guest Jeanette Fitzsimons - climate activist and former Green Party co-leader. The AGM will be held on Sunday 30th June

For more information go to: <https://www.forestandbird.org.nz/events/2019-conference>

Royal Society Manawatū May Meeting

Date: Thursday, 23 May @ 7.30 pm,

Where: Palmerston North Girls' High School Library, Fitzherbert Ave, P. North

2019 Manawatu Lecture

Talk: Is good science good enough? Applying freshwater science to protect New Zealand waterways

Speaker: Professor Russell Death, Massey University

In this talk, Russell will discuss his research into New Zealand's waterways, and the interplay between research and policy for management of our freshwater resources
All warmly welcome!

To access the Palmerston North Girls' High School Library, please enter the School through the side gate in Huia Street (where there is parking) and walk past the main building. The Library will be signposted.

PINT OF SCIENCE FESTIVAL

Monday, 20 May, Tues, 21 May and Wed, 22 May @ 7.00 p.m.

The Pint of Science festival is coming to Palmerston North! For three days in May, there will be six talks across two locations, and an opportunity to discover and discuss some of the latest research in the Manawatu.

Tickets are \$15 per event (this includes entry and a drink).

For event info and tickets, please see: <https://pintofscience.nz/events/palmerston-north>

MASSEY UNIVERSITY

2019 Dean's List of Exceptional Theses Inaugural Lectures

Date: Friday, 17 May, Palmerston North Central Library, George Street, P. North

Time: 12.00 pm – 3.00 pm

These lectures showcase the research of recent doctoral graduates of Massey University and present some of the cutting-edge research of the doctoral students in the Manawatu.

All welcome! Please register at <https://masseyuni.wufoo.com/forms/z1vc2bjt16rnat3/>

Reel Earth Enviro Film Fest

24 May - 7 June, Palmerston North

Reel Earth Environmental Film Festival is New Zealand's only film festival focusing specifically on nature and the environment. For the 14th year in a row, Reel Earth is set to wow its audience with a showcase of the best and most recent environmental films – both homegrown and from around the globe. Films will be screened in places you'd expect - and some you don't. Ticket prices are kept low, and some events are free. The film+talk series means audiences will have the opportunity to discuss topics with presenters, filmmakers and other experts.

For information about the films go to: <https://www.reelearth.org.nz/films>

School of Agriculture and Environment - Wildlife & Ecology Group

Date: Wednesday 15th May, 12:00 pm – 1:30 pm (BYO Lunch)

Where: AgHort Lecture Theatre 2 [AH2]

Talk: 3 Environmental/ecological research projects currently underway in Taranaki.

Speakers: Karen Pratt - The national award winning S. Taranaki [Project Reef Life](#)
Simon Collins - [Rotokare Scenic Reserve](#) is a stunning 230ha forested hill-country

catchment, with extensive wetlands and a 17.8ha natural lake

Sean Zieltjes - [Project Taranaki Mounga](#) is an ambitious conservation project aimed at transforming the mountain, ranges and islands of Taranaki sanctuary

The 3 talks are a sampler of some of the exciting projects currently underway. Taranaki is a region that is highly active in the area of environment and ecology. The [Wild for Taranaki](#) collaboration, which Massey University is a partner in, provides an 'umbrella' for a huge range of work going on across Taranaki, under the '[Restore Taranaki](#)' brand.

All are Welcome

OTHER ITEMS OF INTEREST

Grownups Wanted -Manawatū Kiwi Conservation Club

The Manawatū branch of the [Kiwi Conservation Club](#) is now unfortunately in hiatus, because their grownups are too busy. They are looking for some more grownups to take over organizing activities in the Manawatū. KCC is Forest & Bird's club for kids, nurturing the young conservationists of the future. There are 34 active groups in NZ, with over 1600 members. Examples of activities organized by the Manawatū branch include a funky fungi hunt, a trip to the water treatment plant, planting natives in sand dunes, film nights, and bug hunting. If you are interested, please [email Sarah](#), the KCC National Manager.



Apollo Butterfly Park

Check out this amazing video <https://www.pncc.govt.nz/apollo> that the PNCC put together with the help of some very special people from the park working group. Terry, from Manawatu Native Plants, has been my number one man for plants, advice and help, amazing man and Flutterby Monarchs, Melissa & Jarrod and their family helped make this amazing little video.

Edwards Pit Park Working Party

Sunday 19 May

3rd Sunday of each month

Come and help the Pit Park People planting and maintaining native vegetation in this historic quarry, which is now a lush urban park visited by native birds. All welcome, stay for a cuppa afterwards.

Palmy Plastic Challenge <https://www.facebook.com/PalmyPlasticChallenge/>

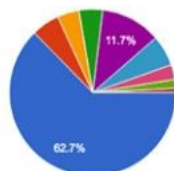


We had more than 800 people coming and over 230 amazing volunteers helping with the sorting, weighing and counting of our items. In total more than 11,000 items were collected in our sample sites around [Palmy's streams!](#)

Thank you again to everyone who came visit us at Te Manawa Museum of Art, Science & History during the holidays. Soon we will post more information about the next events and our preliminary data results!

Type of Material to Record

351 responses



- PLASTIC
- FOAMED PLASTIC / POLYSTYRENE
- CLOTHING / TEXTILES / LEATHER / CARPETS
- GLASS & CERAMIC
- METAL
- PAPER & CARDBOARD
- RUBBER
- WOOD & TIMBER / BRICK, CONC...
- HAZARDOUS & SPECIAL / PUTRE...



Kiwibank Predator Free Communities

Applications are now open. If you and your community are keen to start trapping in your backyards, then apply to be one of our Kiwibank Predator Free Communities to get support and access to subsidised trapping equipment. Closes 18th May.

Together we select outstanding predator free communities around the country and supply them with funding so they can purchase subsidised trapping equipment. On top of that, we give these groups ongoing support, information and advice.

Our goal is to get a trap in every 5th backyard in towns, suburbs and neighbourhoods in New Zealand who want to make their community predator free. Find out more about our communities [here](#).

https://predatorfreez.org/about-us/our-partners/about-kiwibank/kiwibank-predator-free-communities/?utm_source=PFNZ+Trust+Newsletter&utm_campaign=a3b0d539fc-EMAIL_CAMPAIGN_2019_05_03&utm_medium=email&utm_term=0_fee93e1adc-a3b0d539fc-497440369&goal=0_fee93e1adc-a3b0d539fc-497440369&mc_cid=a3b0d539fc&mc_eid=64d7a0cd6c

CONSULTATIONS

Palmerston North City Council

<https://www.pncc.govt.nz/get-involved/have-your-say/wastewater-by-law-review/>

<https://www.pncc.govt.nz/get-involved/have-your-say/nature-calls/>

Nature Calls is investigating the full range of options for managing, treating and discharging Palmerston North's wastewater. There are a few things we need to consider: how and where we DISCHARGE wastewater, how we TREAT wastewater, and where the treatment plant is located.

Department of Conservation

[Draft Conservation Services Programme Annual Plan 2019/20](#)

[Have your say on a draft plan that contains the research proposals that will be subject to cost recovery from the commercial fishing industry. Submissions close 2 June 2019.](#)

F&B Manawatū June 2019 Monthly talk

Tuesday 11th June, 2019

Palmerston North City Library @ 7.30 p.m.

George Street Entrance, Palmerston North

Talk: "Willow aphid and the impact on the forest ecology"

Speaker: Dr. Andrea McCormick, Ecology, Massey University



Giant Willow Aphid colonises both tree and shrub willows

The giant willow aphid, which measures 5-6mm, was first sighted and reported in Auckland in December 2013 and quickly spread throughout the North Island and as far south as Clyde in Central Otago. Willows are its only recognised host plant. It taps into the sugar flow in the stem and the pressure of sap through the aphid produces honey dew.

Higher than normal numbers of wasps are likely indicators of aphid infestation as they

feed on the honey dew. Bees also harvest the honey dew, which can change the characteristics of their honey including raising its melting temperature and causing discolouration. It is difficult not to miss the sight of blackened willows along the rivers. The blackening is sooty mould, which feeds on the honeydew deposited on leaves and branches by the feeding aphids and leaves black on the top of the willow branches and leaves

That's all for now – hope to see you at one of our Monthly Meetings

Anthea

Anthea McClelland
Chair
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