

[View this email in your browser](#)



**JUNE 2019 Monthly talk**  
**Tuesday 11<sup>th</sup> June 2019 @ 7.30 p.m.**

Palmerston North City Library,  
George Street Entrance, Palmerston North

**Talk:** “The Giant Willow Aphid and Its Environmental Impact”

**Speaker:** Dr. Andrea McCormick, Ecology, Massey University and  
Trevor Jones, Plant & Food Research



The giant willow aphid (GWA), *Tuberolachnus salignus*, is an invasive pest species first recorded in New Zealand in 2013. Since then, it has spread rapidly, affecting over 50 species and hybrids of willow and poplar throughout the country. These trees and shrubs have high agricultural importance as forage, to stabilize slopes and riverbanks, to prevent soil erosion, and as sources of nectar and pollen for bees.

The GWA affects its surroundings in multiple ways, not only by reducing plant vigour, but by releasing copious amounts of honeydew that promotes the growth of sooty mould, attracts unwanted insects (such as *Vespula* wasps, ants, and flies), causes bee honey to crystallise (affecting apiculture), and alters soil composition and habitat.

Due to the extent of the invasion, eradication is no longer feasible, so there is a need to assess the environmental impact of this pest species in NZ and develop sustainable control strategies to mitigate it.

**All welcome. Gold coin donation appreciated**

**F&B Manawatū June 2019 Monthly Trip**

**Saturday 22<sup>nd</sup> June, 2019**

**EXPLORE THE BUSH AND WETLANDS AT ASHHURST DOMAIN AND  
LEARN ABOUT THE HISTORY OF THE DOMAIN**



The Ashhurst Domain offers a network of walking tracks made up of several loops over a flat terrace area with moderate to steep slopes leading to the Manawatu River, where you can discover lush natural surrounds echoing with rich birdsong in one of the Regions last remnants of native bush. The upper circuits offer revealing views overlooking conservation wetlands, while others guide you through native bush

The site where the wetlands stand (a series of lagoon-like bodies, connected by a small stream to the Pohangina River), was once actually the course of the river itself. The course of the river changed when an embankment was constructed alongside the railway between Palmerston North and Gisborne, sometime after 1872. Whether it is a "restored" wetland in the true sense of the word or not, it is today the habitat of rich birdlife and the rare mudfish. Its restoration has been the result of community groups and local and regional government efforts over the years; undertaking fencing, pest control and riparian planting.

Knowing its environmental and cultural history, should only enrich its value and enjoyment.

**Depart:** Palmerston North at 945 a.m. (Sharp)

**Leader:** Jorinna Prinz

**Meet:** Palmerston North: Carpool – meet on Church St, opposite Centrepont Theatre & Salvation Army Shop (on Railway land side).

If you carpool, please share petrol costs with the driver

**Fitness Level:** easy to moderate

**What to bring:** Please bring snacks, Lunch, water, raincoat and stout and walking poles if you usually use them. Bring some binoculars for bird watching.

For more info & Register: Contact -Jorinna Prinz

**Email:** [Manawatu.Branch@forestandbird.org.nz](mailto:Manawatu.Branch@forestandbird.org.nz)

## 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, 2019

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

## OTHER ITEMS OF INTEREST

### Grownups Wanted -Manawātū Kiwi Conservation Club

The Manawātū 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.

---

### Royal Society Manawatu June Meeting

**Date:** Tuesday 18th June, 2019

**Where:** Palmerston North City Library – George Street entrance

**Talk:** What are the implications of gene editing technology for New Zealand?

**Speaker:** Professor Barry Scott Massey University

Barry Scott is Professor of Molecular Genetics at Massey University. His research focuses on understanding the molecular basis of agriculturally beneficial symbiotic interactions between plants and microbes.

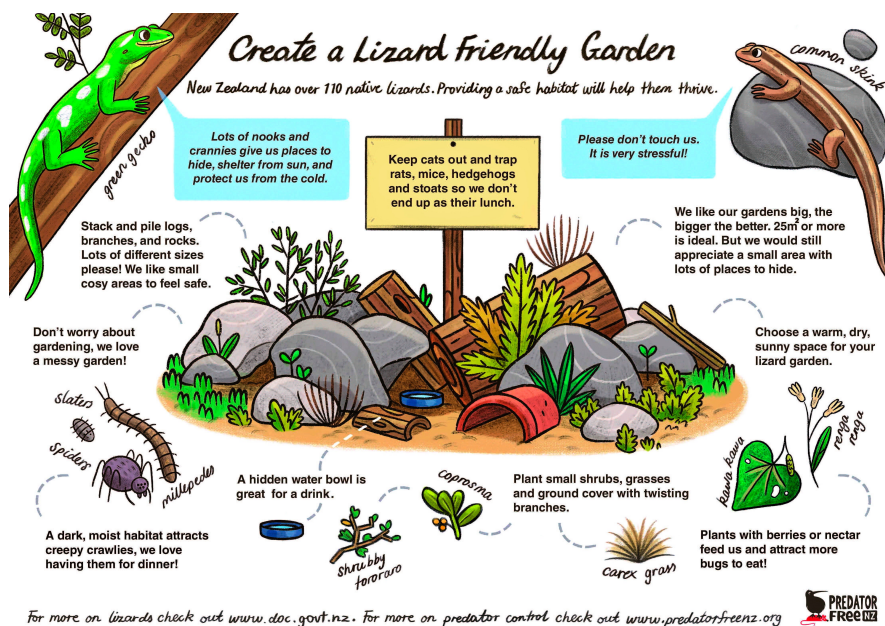
**Synopsis:** The revolution in gene editing technologies is making it easier to make targeted changes in the genomes of animals, plants and microorganisms. The development of these new technologies has huge potential benefits in many sectors including healthcare, agriculture and conservation. However, the technology to carry out gene editing and the ideas about how it might be applied are, in many cases, moving well ahead of public understanding and consideration of the proposed changes, and any consensus on how this technology might be used.

To explore the implications of gene editing technology for New Zealand, the Royal Society Te Apārangi convened a multidisciplinary panel of experts, supported by a Māori reference group, to consider the social, cultural, legal and economic implications of gene-editing technologies for New Zealand.

---

### Create a Lizard Friendly Garden

By Kate Guthrie, Predatorfreenz



Has your school got a neglected patch of playground that would benefit from a make-over? Want to make your own garden or backyard more wildlife friendly? Maybe you're looking for a weekend activity that adults and children can enjoy together.

Why not make a lizard garden. It's fun, it's easy and we can show you how!

To learn more please go to: <https://predatorfreenz.org/create-lizard-friendly-garden/>

---

### The DOC Sounds of Science podcast

<https://www.doc.govt.nz/our-work/podcast>





The DOC Sounds of Science podcast is hosted by our Threatened Species Ambassador Nic Toki. Nic interviews our conservation experts and scientists to bring you a deep dive into some of the work happening in the conservation space. The link is:

<https://www.youtube.com/watch?v=5VreGgMbHqQ&feature=youtu.be&t=15>

---

### **FREE Chem Waste Drop-off**

**ONE DAY ONLY, Sunday 16 June**

**Registration essential by 13 June**

#### **Open to Palmerston North households only.**

Dispose of your household hazardous waste for free, one day only. Registration is essential - unregistered waste will not be accepted. Register by 13 June [on the website](#), or by calling 0508 CHEMICAL (0508 243 642). Cleaners, poisons, solvents, antifreeze, fuel, brake fluid, motor oil, insecticides, herbicides, fungicides, batteries, pool chemicals and chlorine.

---

### **[Trees that Count](#)**

Manawatū Regional Advisor has been appointed

Local environmental contractor Lisa Clapcott has been appointed the Manawatū Regional Advisor for Trees That Count. Trees That Count is a national conservation charity which provides free native trees, resources and advice to planting groups and landowners around the country. In the Manawatū, Lisa will be working to identify and target appropriate sites which would benefit from planting or the establishment of permanent native forest. To find out more, visit the [Trees That Count website](#), or read the [New Zealand Herald article](#)

---

### **CONSULTATIONS**

#### **Palmerston North City Council**

<https://www.pncc.govt.nz/get-involved/have-your-say/wastewater-bylaw-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 [Zero Carbon Bill](#) wastewater, how we TREAT wastewater, and where the treatment plant is located.

---

#### **Submissions close 16 July, 2019**

The Zero Carbon Bill, formally known as the Climate Change Response (Zero Carbon) Amendment Bill, was read a first time in Parliament on 21 May 2019 and referred to the Environment Committee. The Bill was supported in its first reading by all Political Parties except ACT. The bill proposes to place a set of greenhouse gas reduction targets into law and require that future governments continue these efforts into the future. Information on the bill can be found on the [Parliamentary website](#), including information on how to make a submission online.

**OR go to:** <https://www.forestandbird.org.nz/petitions/support-strong-zero-carbon-bill>

Our native plants and animals, and the incredible places they live, are under stress from sea level rise, increased floods and fires, and many other terrible climactic changes threatening our world. Nature

needs a net-zero carbon future, and a commitment to keep climate change to **no more than 1.5 degrees**.

---

### **Draft Urban Cycle Network Masterplan**

We want to see more people on bikes in our city. Our Urban Cycle Network Masterplan outlines how we plan to do that.

#### **Tell us what you think**

Your opinion matters. Fill in our online form or email us at [submission@pncc.govt.nz](mailto:submission@pncc.govt.nz) to have your say.

This consultation is open for feedback until 5pm on Friday 5 July [extended from original June date].

Please note: There will be no formal hearings for this consultation.

<https://www.pncc.govt.nz/get-involved/have-your-say/dft-urban-cycle-network-masterplan>

---

### **F&B Manawatū July 2019 Monthly talk**

**THE MONTHLY MEETING PROGRAMME HAS NOT YET BEEN COMPLETED. IT SHOULD BE AVAILABLE IN A COUPLE OF WEEKS TIME - THEN**

**PLEASE GO TO [www.naturesvoicemanawatu.org.nz](http://www.naturesvoicemanawatu.org.nz) FOR THE PROGRAMME FROM JULY TO DECEMBER**

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

*Anthea*

Anthea McClelland  
Chair  
Forest and Bird Manawatū Branch  
[Manawatu.Branch@forestandbird.org.nz](mailto:Manawatu.Branch@forestandbird.org.nz)



---

Copyright © 2019 Forest and Bird Manawatu Branch, All rights reserved.

Want to change how you receive these emails?  
You can [update your preferences](#) or [unsubscribe from this list](#).

