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Braided Rivers Workshop 31st May, 2016

Be in touch: info@naturewatch.org.nz
NZBRN Trust: www.facebook.com/nzbrn/
Twitter - @NaturewatchNZ
Blog: blog.naturewatch.org.nz
Mobile – sign in to the iNaturalist app
NatureWatch NZ - NZBRN since 2006

- largest, longest-running, most versatile citizen bioscience facility in NZ. Secured ¼ mill observations, 1/3 mill photos, of 10 500 spp, by 4600 observers, of whom 1000 have provided >100 000 crowd-sourced IDs. 1/2 mill devices downloaded 3.5 mill unique page views. Fully interactive & conversational (60 000 comments). Part of global iNaturalist open source network (2.7 mill records; map layer in 0.5 bill GBIF records)

- Fundamental purposes: engage, inform, raise awareness about natural heritage, biosecurity & ecological interactions; conservation literacy by supporting community-based projects, enhancing educational & tourism experiences; provide authentic basis for place-making/identity. Aims to demystify science & provide valuable, robust data that can be used to unravel taxonomic & ecological questions.

- Observations can be anecdotal or part of structured monitoring within projects or places—for plants, fungi, animals, pests, flowers, fish, on land, in freshwater or in the sea. Locations may be hidden or obscured (automatic for red-listed species).
Its multi-functional attributes include:

- Crowd-sourced **IDs** & conversations - ‘Fb’ of natural history
- **Archived** reliable data supports **Science**; **easy comms with URLs**
- Place- & Project-based **lists, journal - Search & mapping engines**
- **Custom Fields** to add or create
- **Surveillance** of pests or target spp & **Alerts**
- Pictorial **Guides** and Simple **keys** for places or taxa
- **CSV bulk up/down load**
- **Photos, video** links, **sound** recording (copyright options)
- **Apps** are available to support field data entry
- Research grade data to Global Bio Information Facility (**GBIF**
Fun Facts

**NatureWatch NZ’s** interactivity, **conversations**, messaging (anonymous), camera skill & diagnostics training, personal life lists, diaries, dashboard, calendar, journals, Fb, blog, twitter, Google community help forum.

Within this buzz important **discoveries** are being made: new native species, **first detections of pests**, new populations of critically rare species, extensions to species distributions, previously **undocumented natural history** such as new behaviours and interactions, and how species distributions, phenology and behaviour are modified by climate change, **pest invasion**, land use and restoration. See top discoveries [http://naturewatch.org.nz/pages/discoveries-nz](http://naturewatch.org.nz/pages/discoveries-nz)
• Aid to **Discovery, Learning & Surveillance for Biodiversity & Biosecurity!**

• **Templates** for Monitoring

• **ID Please** – learn – you don’t need to know it!
  
  • See Project -  

• **Alert & Guides** with Pictures!
Observation of the day in iNaturalist

• Over 40 comments
Latest Records from the open River project
Rabbit Mapping
blue blobs NWNZ, red dots GBIF
27th New Zealand Fungal Foray & Colloquium: May 2013

Registration and payment due by 31st March 2013. Download registration form at the end of this page. The 2013 foray will be based at Matawai, midway between Opotiki and Gisborne, in the East Cape region, from Sunday 12th May to Saturday 18th May 2013. The area offers a wide variety of vegetation types, including Nothofagus, podocarp and broadleaf forests.

Tags: forays 2013

Report on the 22nd NZ Fungal Foray (Dunedin, 2008)

Submitted by petraw on Wed, 27/02/2013 - 8:15am

THE 22nd NZ FUNGAL FORAY, DUNEDIN, May 2008

Widgets on your Website – livestreaming your subset of data
A Place-based widget on the Travis website
Notifications or Alerts

It can be easy to get lost in the flood of amazing observations. To make sure that you see all the observations you care about, you can subscribe to places and taxa, and follow people, so that you are alerted to all new observations of these. These alerts will come via email (unless you've turned email notifications off in your Profile) and on your Dashboard.

Look out for the subscribe link on any Taxon page or Places page.
The quantity of new observations might seem overwhelming if you're actually just interested in a particular group — perhaps you:

- are studying **echinoderms**,  
- want to share your knowledge of **birds**,  
- are tracking pests like **mustelids** or the **Mediterranean fanworm**, or weeds like **old man’s beard**.  
- or just love seeing **slime moulds**!

Fortunately, a more targeted approach is possible (think GCSB).

With NatureWatch, you can subscribe to receive an email-notification when an observation is added from your taxonomic group of interest. (The notifications are aggregated into one daily email, so you are not deluged even if you're following a popular group.)

First, log in (or sign up with a username and password).

Once logged in, click on “Dashboard” in the upper right corner.
In your Dashboard, scroll down to “Your subscriptions” (on the right hand side of the page), and select “Add a place subscription”.

(Don’t select “taxon subscription” without seeing more information about it below.)

Select the geographic area (e.g., New Zealand) and group of organisms you’re interested in – the “Place” and “Taxon” – and save.

Your Place of interest doesn’t have to be a country – it can be a region (e.g., Northland) or some other area already defined in NatureWatch.

Your Taxon of interest may be a species, genus, family, or even a phylum.

Rather than a place subscription, you can instead make a taxon subscription. However, this will return all observations made from that taxon from around the world.
Create your own Custom Guides/Keys
Using **NatureWatchNZ** as a **Template for Restoration Monitoring**
CUSTOM FIELDS – for bird monitoring

Simple temperature
Which of the following best describes the temperature at your site?

Simple wind
Which of the following best matches the wind conditions at your site?

Noise
Noise can make it harder to detect some species (e.g. hear bird calls).

Direct sunshine in 5 minutes
To the nearest minute, how much of your five minutes of sampling was the sun not blocked by cloud?

Precipitation type

Precipitation intensity

Minimum number of individuals
Whether you also heard them or not, you need to have seen them to count them here. The minimum, if you made multiple sightings, is the fewest individuals that could have been present.

Number of individuals SEEN
Whether you also heard them or not, you need to have seen them to count them here. If you made multiple sightings of potentially the same individuals, estimate here the most likely number of individuals present.

Maximum number of individuals
Whether you also heard them or not, you need to have seen them to count them here. If you made multiple sightings, this is the maximum number of individuals you could have seen had each sighting been a different individual.

Minimum number of individuals
Your best lower estimate of the number of birds you ONLY HEARD.

Number of individuals HEARD ONLY
Your best estimate of the number of birds you ONLY HEARD.

Maximum number of Individuals
Your best upper estimate of the number of birds you ONLY HEARD.
Summary … & that’s not all …

NatureWatch NZ is an empowering ‘one-stop shop’ for bio-discovery, learning, and providing templates for surveillance, non-destructive sampling, monitoring and recording performance of restoration projects

http://naturewatch.org.nz/pages/monitoring_nature_guide_nz

Live streaming to other host websites via widgets

Embedding NatureWatch functionality in other websites/apps via the API