



Mountains  To  Sea

Conservation Trust

Nga Maunga ki te Moana



NGA MAUNGA KITE MOANA

Established in 2002



Samara
Nicholas



Vince Kerr



Dr. Roger
Grace



Stefan
Seitzer





effectively communicate marine and freshwater science to NZ communities


+

involve them in experiencing those environments first-hand and in taking action for it,

=

an improved environment and a strong foundational ethic of kaitiakitanga.


All via the programmes; Experiencing Marine Reserves (EMR) and Whitebait Connection (WBC).





THE OBJECTIVE:

A Charitable Trust is hereby established for the purpose of achieving the following outcomes.

- (a) Environmental educational strategies, programs, resources and community engagement activities will be created, fostered and offered to the community.*
 - (b) Advocate directly within communities and with Government for the establishment of a system of conservation measures and biodiversity protection areas.*
 - (c) Support and create opportunities for young environmental professionals to work and engage with schools and communities in environmental education and ecological restoration and conservation management.*
 - (d) Foster and support the pursuit of scientific research, understanding and traditional knowledge of aquatic ecosystems and biodiversity. Ensure that the results of the research are disseminated in the community.*
 - (e) Provide technical, scientific assistance to the community, schools and environmental advocacy groups for the purpose of furthering the aims of the Trust.*
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Our team has grown and expanded in many ways since 2002 and currently has 6 trustees, 2 advisors and a team of 30 coordinators delivering EMR and WBC around NZ.





Marine and Freshwater Education and Conservation

www.mtsct.marinenz.org.nz
For all enquiries: info@emr.org.nz

Schools and community engagement programmes



www.whitebaitconnection.co.nz



www.emr.org.nz



www.marinenz.org.nz

Community Riparian Planting Projects

Whitebait Spawning Site and Habitat Restoration Projects

Drains to Harbour (Whangarei)
National Marine and Freshwater Wānanga

Community Guided Snorkel/Kayak Days

Reef Savers
www.reefsavers.nz

'How to' create a marine reserve proposal
www.howtokit.org.nz



An advertisement for the 'Mountains to Sea' water conservation program. The central focus is a white sign with a green wave logo at the top. Below the logo, the text reads 'Mountains to Sea' in a large, bold font, followed by 'Conservation Trust' and 'The Mountains to Sea'. Below this, there are two logos: 'Carnegie' and 'New York State Office of General Services'. To the left of the sign, a photograph shows a woman in a purple shirt and a child in a red shirt standing next to a white recycling bin. To the right, a photograph shows a person in a blue kayak on a river. The background of the advertisement is a collage of nature scenes, including a mountain landscape, a green field, and a blue sky. At the bottom, there is a green banner with white text that reads: 'Our goal is to empower and support communities to achieve water and wastewater conservation through science-based, experiential programming, resources, projects and community engagement. Mountains to Sea is a program of the Conservation Trust, a 501(c)(3) nonprofit organization. If we look after the water from the mountains to sea, it will look after us. It is our life force.' The website address 'www.mountaintosea.org' is visible at the bottom left of the banner.



Leigh EMR, Auckland 2006



Whananaki EMR, Northland, 2007



Ngunguru WBC, Northland, 2008



Whananaki EMR, Northland, 2008.



Whananaki Mountains to Sea, Northland, 2009



Whananaki Mountains to Sea 'Collaboration', Northland, 2010



Raglan Mountains to Sea 'Action', Waikato, 2011/2012



Rawhiti Mountains to Sea 'Partnerships', Northland, 2013



Wellington Mountains to Sea 'Communicating Science', 2014

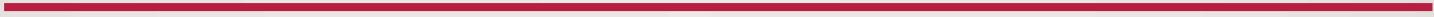


Whananaki Mountains to Sea 'How to', Northland, 2015



Whangara 'Storytelling', Gisborne, 2016





https://www.youtube.com/watch?v=S1zXGWK_knQ





Mountains to Sea Wānanga

A national marine and freshwater conference

"Kōwhiri Kaitiaki"

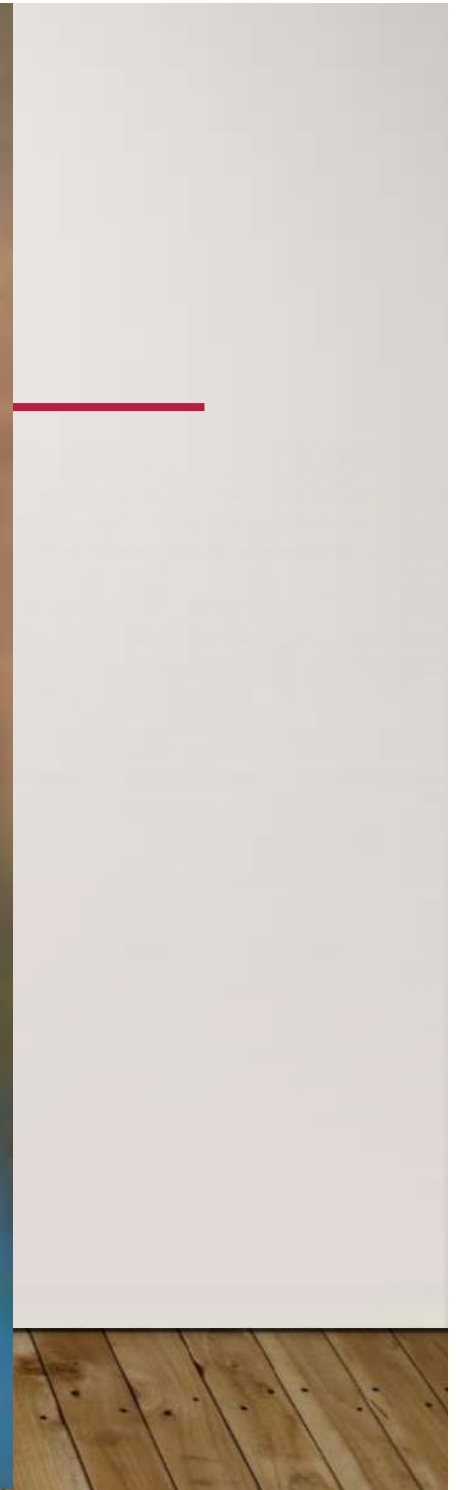
For marine and freshwater conservation action and education

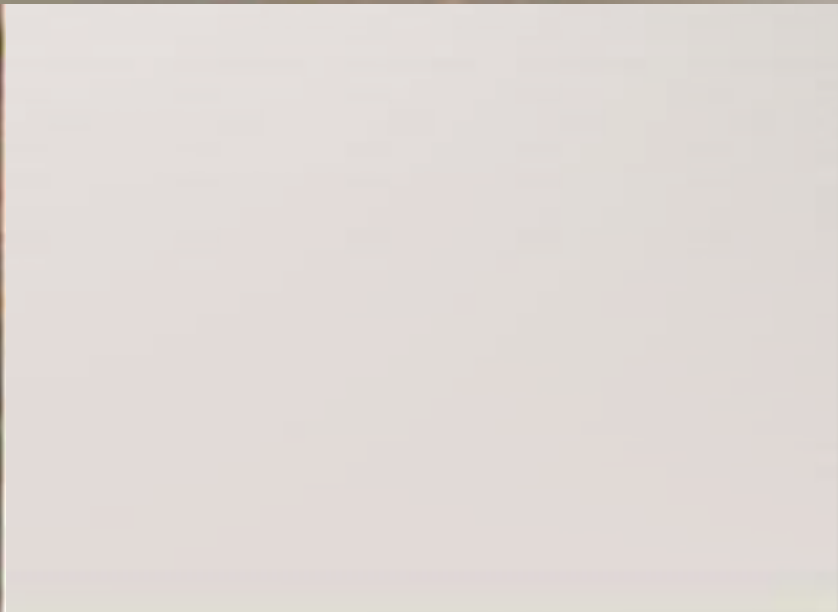
Friday 12th April - Sunday 15th April 2013

Oranga Māori, Ōtago, Kaikōura

2013 Programme Period 6














Citizen Science:

“the collection and analysis of data relating to the natural world by members of the general public, typically as part of a collaborative project with professional scientists”.



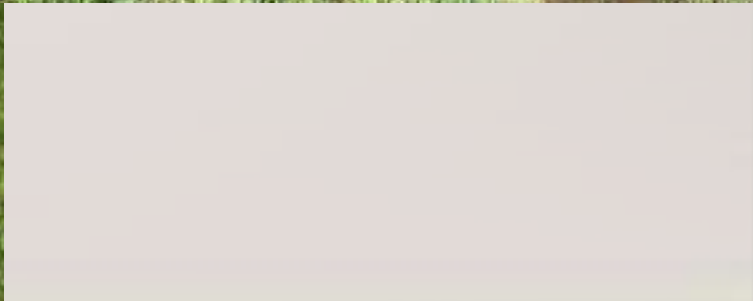
Locally relevant and meaningful



www.whitebaitconnection.co.nz







If you're keen to learn more about
freshwater life, water quality testing
 or get involved with *Whitebait conservation...*



Check out the Whitebait Connection programme

KEY CONCEPTS

-  Values of freshwater
-  Interdependence, interconnections and cycles of the environment from the mountains to the sea
-  Ecology and biodiversity
-  Threats to the freshwater environment
-  Introducing personal and social responsibility -kaitiakitanga



Stages of the programme...

Make connections

Learn about freshwater biodiversity and threats. Form connections. Share existing knowledge.

Dive in

Develop and form question. Plan inquiry methods.

Explore and Discover

Investigate. Experience. Connect. Document.

Find the Treasure

Reflect on and Summarise learning. Share findings.

Take action for freshwater

Carry out environmental action based on knowledge, inspiration and connections made.

Supported by:
 ASB Community Trust
 Department of Conservation
 Ngā Whānau Rauhi
 Northland Regional Council

To see other supporters and programme info:
www.whitebaitconnection.co.nz

Whitebait Connection is a programme of the
 Mountains to Sea Conservation Trust CCN 23406



More info:

info@whitebaitconnection.co.nz
www.whitebaitconnection.co.nz

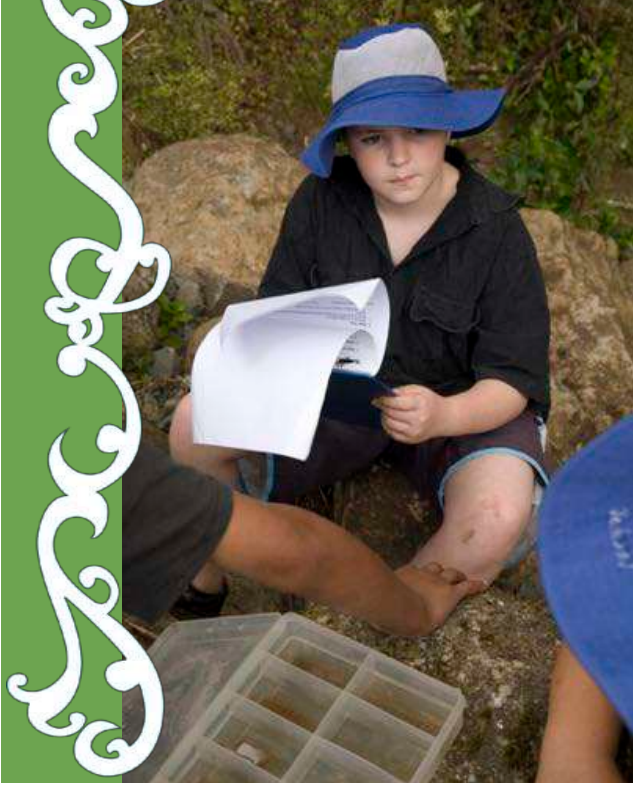


Since 2002, WBC has:

- Expanded nationally to be sustainable and active in **5 regions**,
- Has a team of **16 coordinators**,
- Guided **67071 New Zealanders** on journeys of discovery and conservation action in their local freshwater environments and catchments,
- helped to plant **57374 native plants** next to waterways and
- Helped to restore over **24 kilometres of riparian habitat**.
- Facilitated the identification and adoption of **38 whitebait spawning habitats**.
- The wider community has been reached via **hundreds of printed and social media articles**.
- Over **64,027 volunteer hours** have been contributed!











Stats

Stat	Value
Total Observations	312
Species	1
Photos	4

Most Observed

- John [Profile]
- [Profile]
- [Profile]
- [Profile]
- [Profile]

Most Species

- John [Profile]
- [Profile]
- [Profile]

Most Observed Species

- [Profile]

Map

A map showing the location of spawning sites along a river. The sites are marked with blue and green icons. The map is powered by Google.

About

This is a app project designed to help collect records of Inanga spawning sites. You can find up a new observation for either a historical site or new site (not featured). There are just historical records shown here to give an idea of where previous Inanga sites are. There records all date from 1999 to 2014. If you have a site to report, the user interface for same is...

Recent observations

- [Image]
- [Image]
- [Image]



Investigating Freshwater

Akoranga Wai Maori

An inquiry resource



National Inanga Spawning Education Programme from



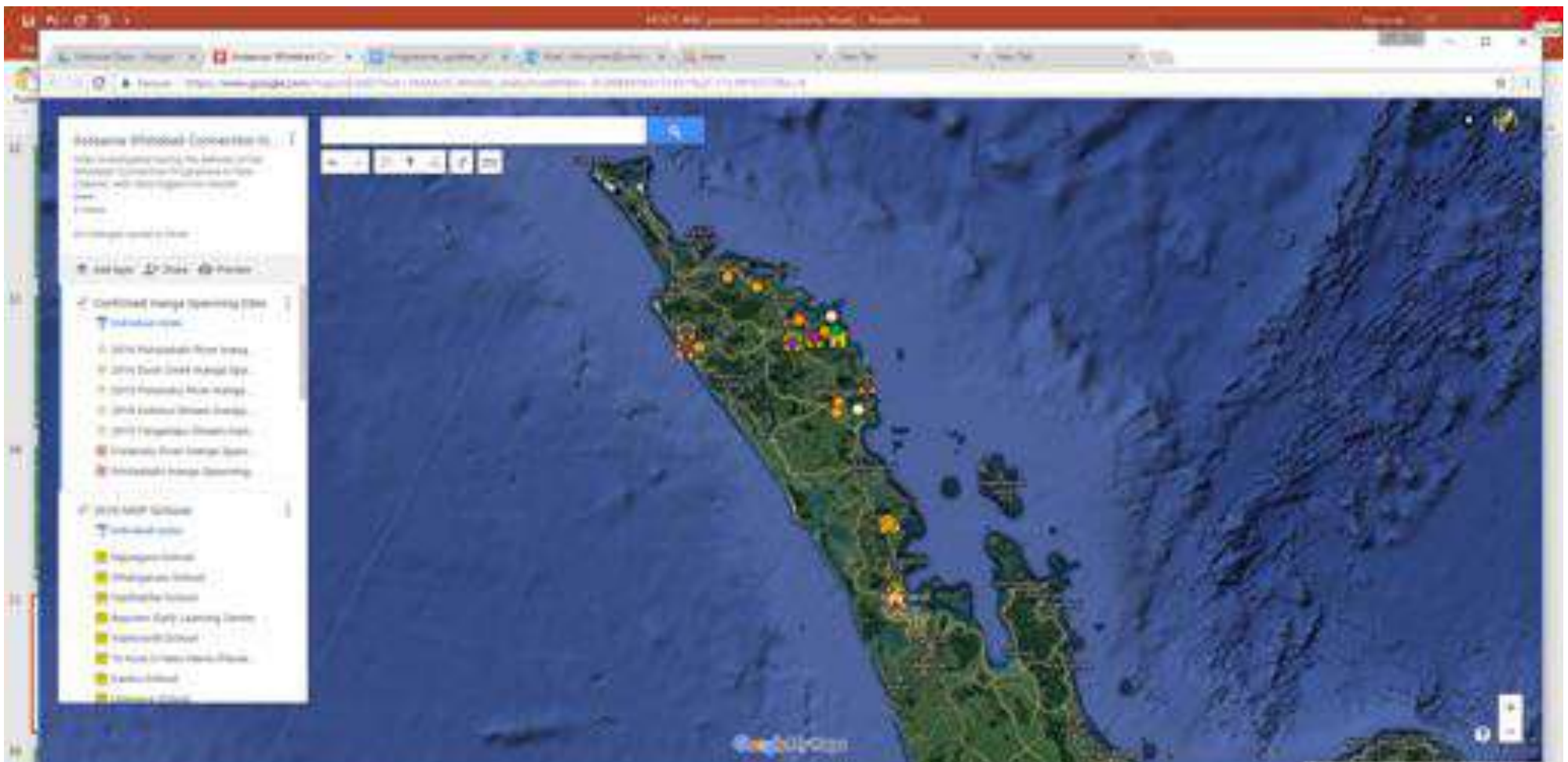
**whitebait
Connection**
Xstream about freshwater life



EOS
ECOLOGY

The National Inanga Spawning Education Programme is supported by...







from page 31



Snells Beach students examine the effects of rubbish on fresh water in class, before they look at an actual stream.

Snells Beach School

Snells Beach School is embracing the environment with this year's theme, *Care for Him*.

One of the first activities was a clean-up at the Snells Beach waterfront, including the grass area.

The Year 3 and 4 students will explore the Snells Beach stream this year as part of the Wharfedale Curriculum programme. The curricular programme was set up to help improve waterways to ensure the survival of whitetail and their habitat. Students will be looking for whitetail, checking water quality and looking at ways to maintain it.

"We want our kids out in their environment, getting muddy, sandy or wet, experiencing it, rather than just researching it," Snells Beach School principal Kathryn Foster says.

"We want them learning about real life concepts in a real context that they can take with them after the learning focus at school has moved on."







What's your WHY?

