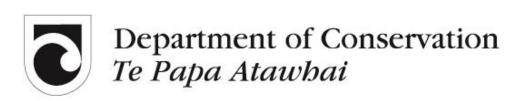


www.whitebaitconnection.co.nz







The WBC Concept

 The Whitebait Connection programme encompasses the EfS principles of learning In, About and For the environment. It encompasses all areas of the curriculum.

The Concept:

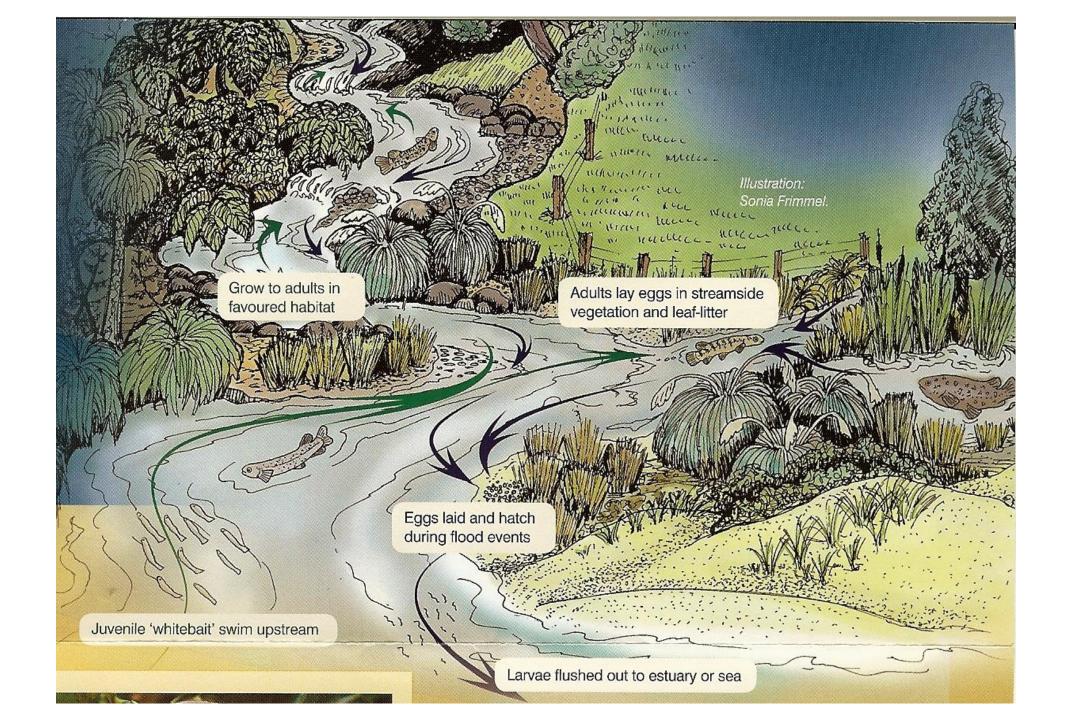
- Learn about freshwater environments and its inhabitants in the classroom.
- Visit and get **in** a local waterway to discover the life within it and look at the streams health.
- Discuss threats to waterways in the community, link with active catchment care groups in the area.
- Action for the environment!!

THE BIG PICTURE - The WBC programme aims to inspire and educate schools, community groups and tangata whenua to restore and take care of the life sustaining force of their local waterways and catchments.



BATCONIC KOARO te as. To suppose the siaking of the



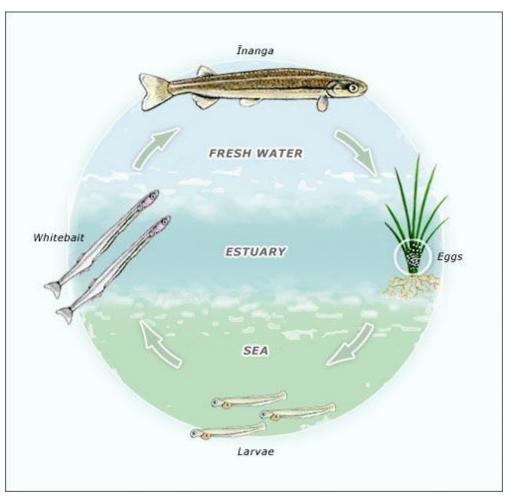


Connection from the mountains to the sea



WBC in the classroom – adds value to what teachers do in class





The Whitebait Run













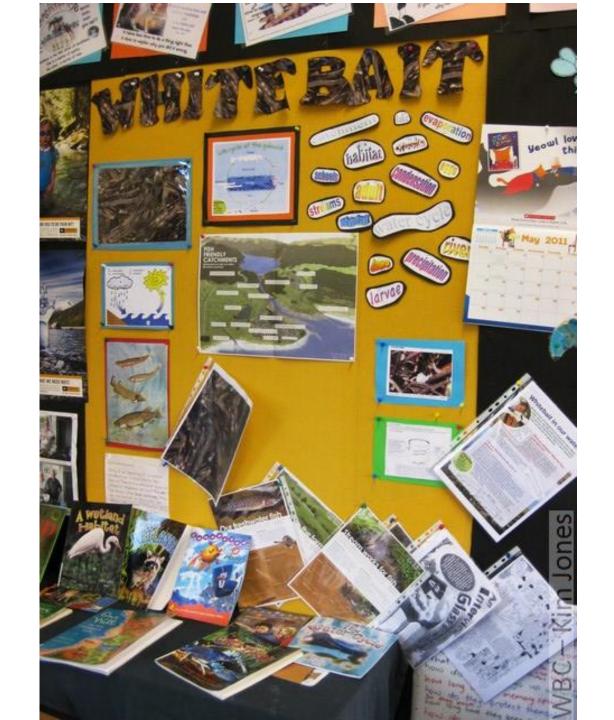


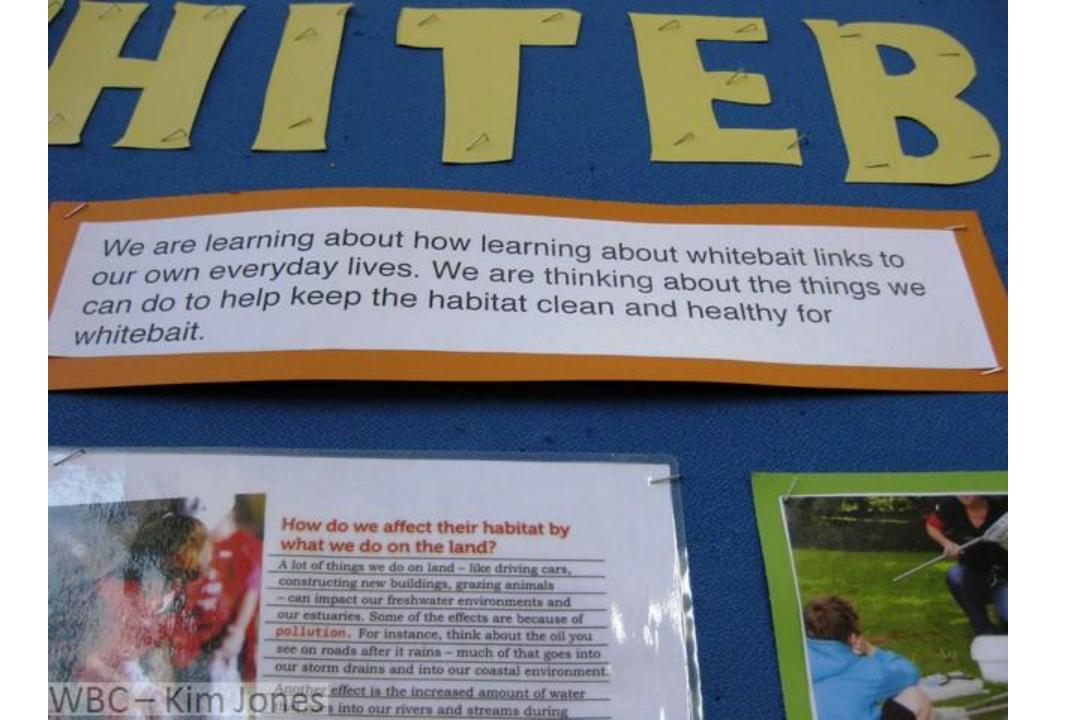


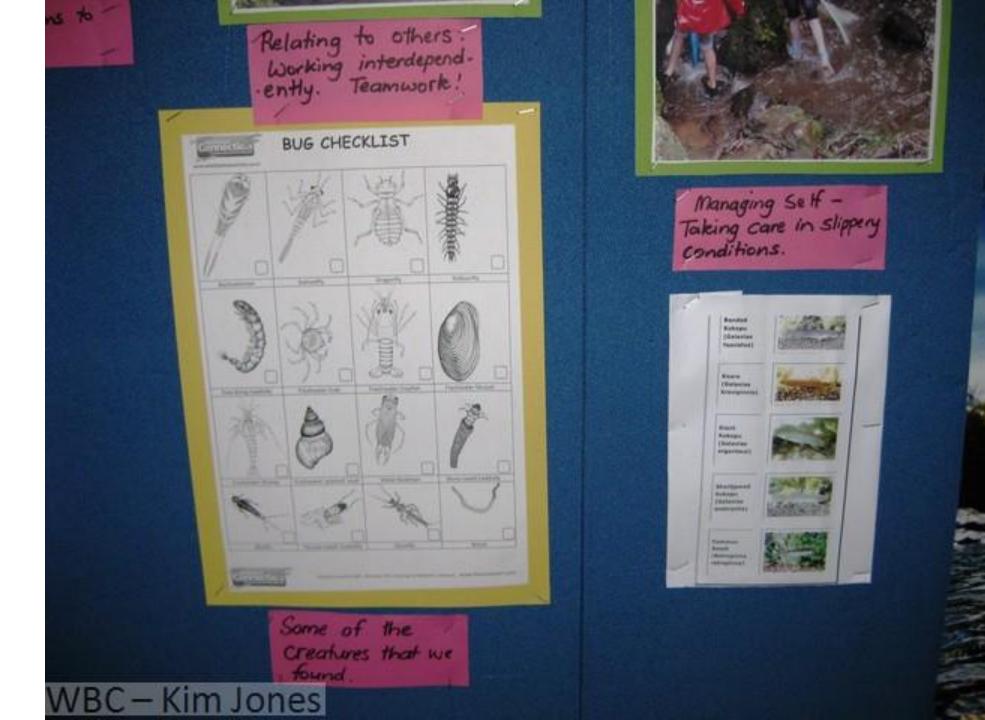
Over 60,000 New Zealanders and over 1000 schools have participated in WBC since it began in 2002

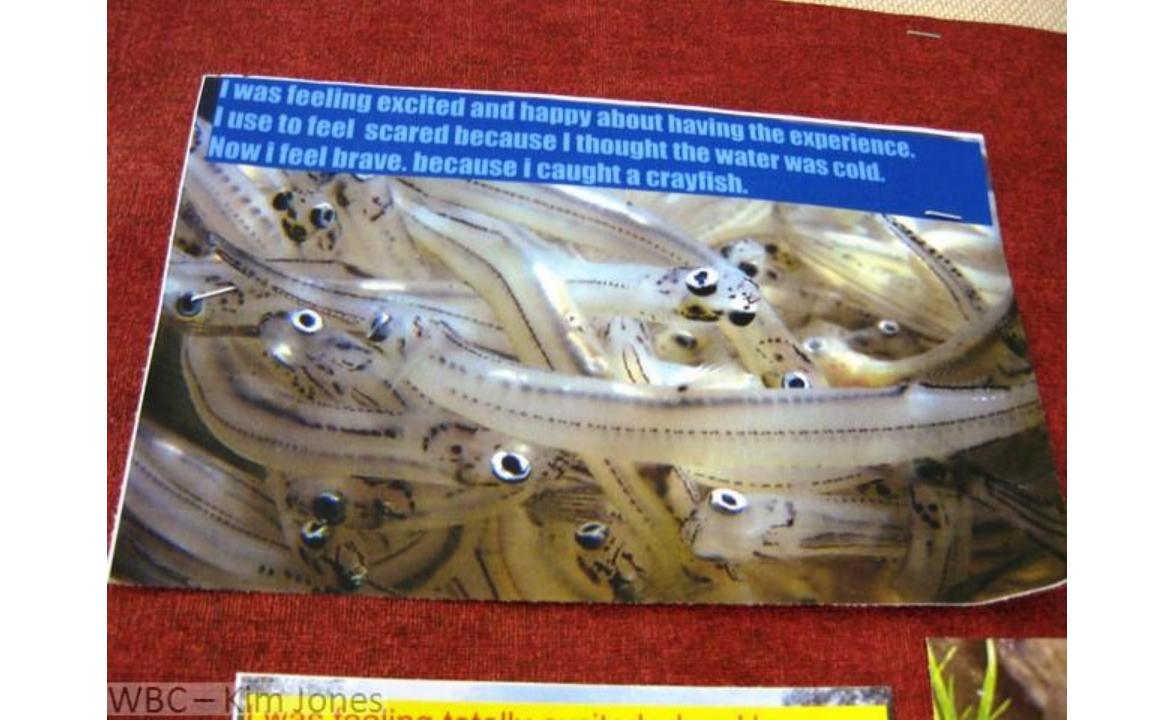


Some examples of student class work











Inspired into action...

- WBC promotes action and can help to facilitate emerging processes *unique to each community*:
 - Stream clean-ups
 - Drain Stencilling of stormwater drains
 - Letters to councils
 - Nursery projects funding advice
 - Stream side planting advice on suitable restoration methods
 - Linking with local/regional stakeholders and organisations
 - Monitoring projects
 - Whitebait spawning habitat restoration and adoption

Stream Clean-Ups

Over 30 cubic meters of riparian rubbish has been removed.







en all attended St er School in st year were ational Future ring Champions nunity" division em a trip to the Problem Solving n Michigan, USA, will present their project at the Future Problem Solving world conference at the end of the month. From left, top: Gage Cr from Experiencing Marine Reserves, Brad Olsen. From left, bottom: Mikayla Gulick, Mathieu Poot, Georgia Young an

held a "practice

resentation they

Pupils spread the bour direction word on pollution

ple that down the in the sea. as causing the

n then went out out further up the road, and was likely contributing to the stream pollution and killing the

Now, after extensive consultation with local council, holidays was to come up with and lots of work themselves. they have achieved their goal and there are now a couple of their school, to encourage eels back swimming in the

lot about why the stream is polluted.

But they're not resting on their laurels. Their "homework" for the school a design for a sign to be erected at the stream behind school pupils not to throw

They've presented their project to several community groups around the district, including a Rotary club and Girl Guides, which serves as a practise for their big moment in Michigan, and in their goal of spreading an

this year working district in the Dr Harbour campa Teams from I Primary and Ke







Letters to councils



OFFICE OF THE MAYOR

14 July 2008

Kamo High School 1 Wilkinson Avenue Kamo Whangarei

Attention: Year 10 Environmental Studies Class

Dear Laura, Chealise and Kate

OTANGAREI STREAM

Thank you for your letter received 7 July addressed to His Worship the Mayor, Stan Semenoff relating to your environmental studies class studies.

I have taken the liberty of forwarding your letter on to Riaan Elliot who is the manager of this division at the Northland Regional Council. The Northland Regional Council's role is monitor and respond to incidents and areas of contamination as you have described in your letter.

On behalf of the Mayor I would like to extend his sincere thanks for your interest and care in our community and wishing you all the very best for the remainder of your years study.

Yours faithfully

Jan Walters PA to the Mayor

> Forum North, Private Bag 9023 Whangarei 0140, New Zealand Telephone: +64 9 430 4254 Facsimile: +64 9 430 4247 Email: mayor@wdc.govt.nz

Creating the ultimate living environment

Community buy-in of restoration projects, leading



Riparian Planting

Over 50,000 native seedlings have been planted, 20 kilometres of riparian margins have been restored, 8 Whitebait spawning habitats adopted and restored



Over 60,000 hours of volunteer time has been contributed



Work that captures the educational opportunities of restoration projects

WBC has had over 100 media hits.

Teens' film should inspire others

A SHORT film by Tikipunga teenagers has been chosen for a film festival showing the most inspiring stories from around the world.

Two students from Te Wharekura O Te Rawhiti Roa made the film about the school's efforts to clean up nearby Waitaua Stream.

The film, Tiakina o Tatou Awa, has been chosen to screen in Media That Matters, a showcase for films on important issues.

Erana Walker and Kowhai Henare will travel to Wellington to talk about the film at the premiere next week.

Erana says she hopes the five-minute bilingual film will inspire others to take action.

"I just really want people to take action around their local waterways. If they can see what a small school can do, it might inspire them to do something in their community."

Since 2003 the Maori immersion school has cleaned and protected Waitaua Stream, a tributary to Whangarei

"Firstly we found that



MOTIVATING MOVIE: Erana Walker and other students from Te Wharekura O Te Rawhiti Roa hope schools will be inspired to clean up local rivers by their movie.

Students cleaned up tored the water and planted the riverbank.

it was polluted, it was their own nursery, raisfull of rubbish," says ing seeds from the area

into bigger plants.

Tiakina o Tatou Awa the rubbish, educated tells of the importance the community, moni- of taking care of local waterways, says Erana.

It was a winning film The students started in last year's sustainable film challenge, The Outlook for Someday, a presentation last year tinue to volunteer.

winning best Te Reo Maori film.

It was played on Maori Television last week earlier this month.

Students from Te Wharekura O Te

at the International River Health Conference in Canberra.

Science and environmental teacher Jo Murray says the river project has been student-driven Rawhiti Roa also made and young students con-

Nursery Projects



Specialist Monitoring projects



Community Awareness and Action









Collaborative partnerships









Department of Conservation Te Papa Atawbai















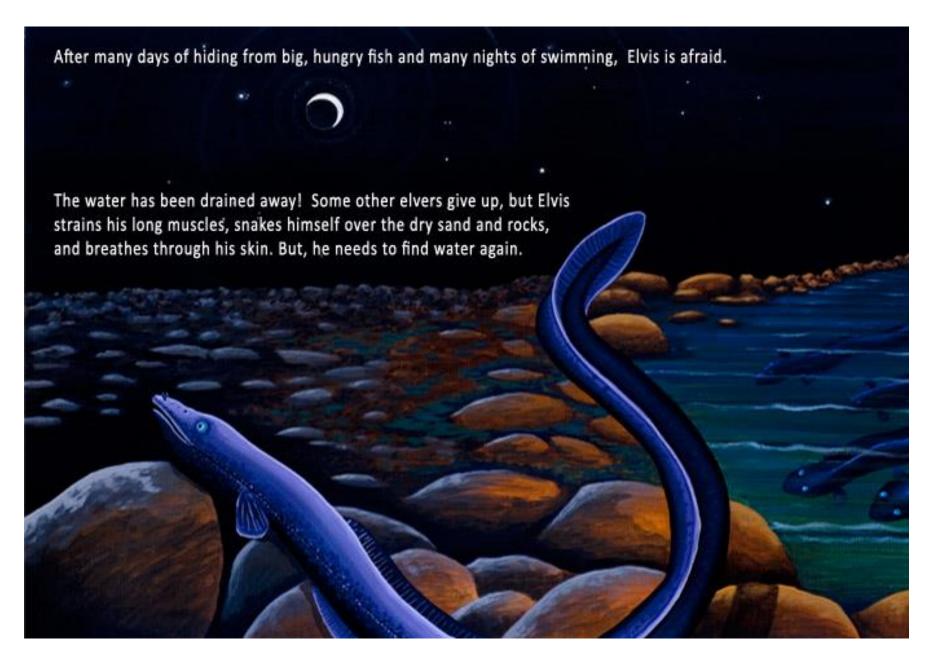


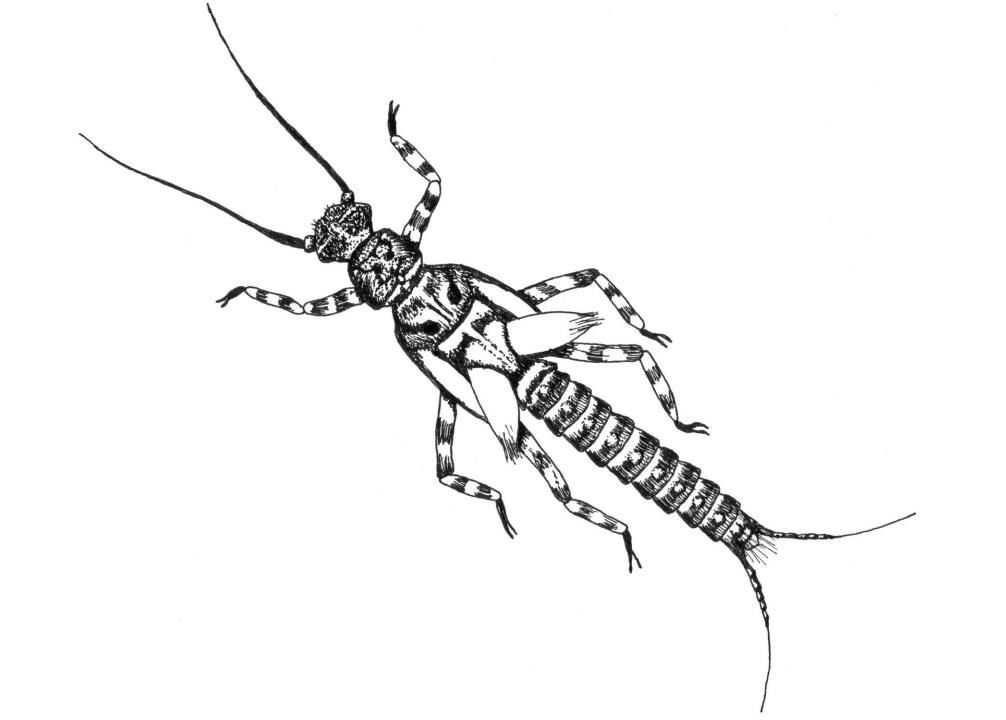


MTSCT National Wananga



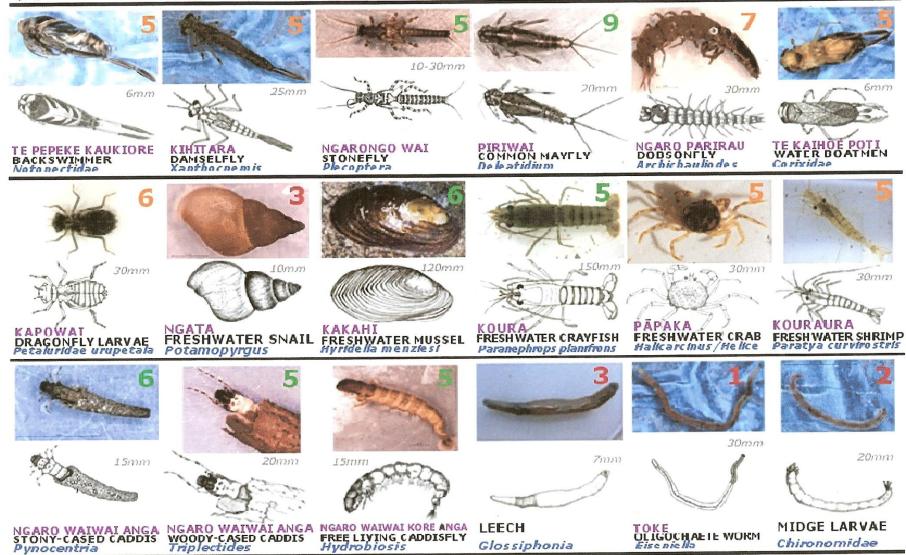
Bowman Outreach Tour







CREATURE ID CHART www.whitebaitconnection.co.nz



Investigating Freshwafter Hkoranga Wai Maori

An inquiry resource















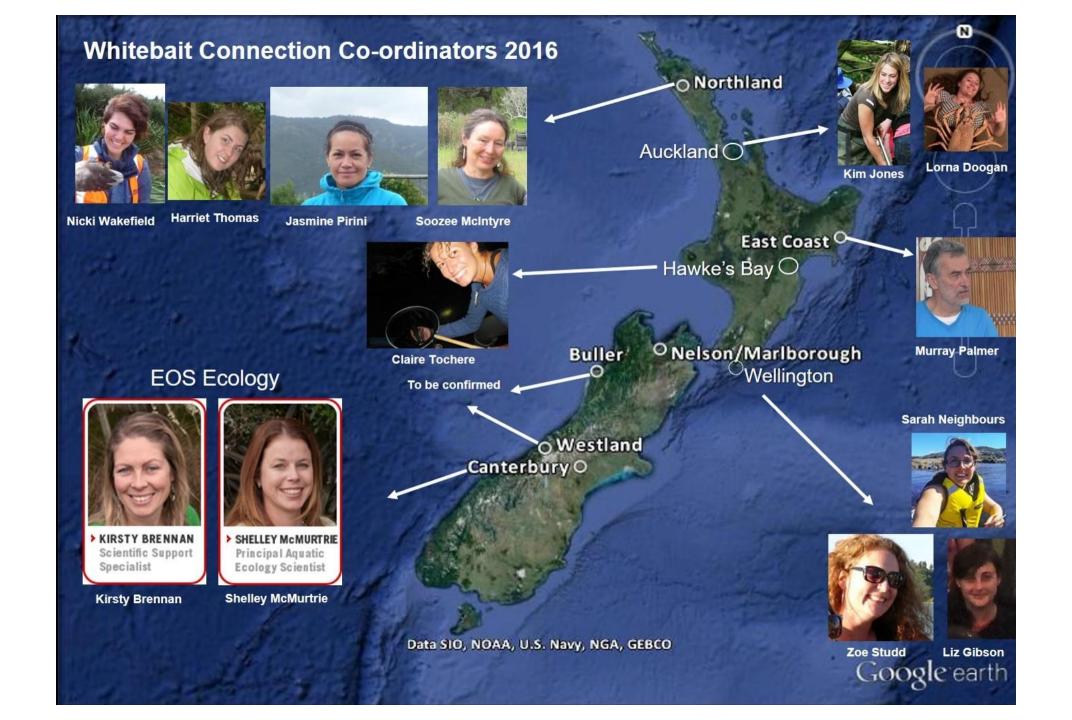












Northland











Auckland



Gisborne







Hawke's Bay – watch this space



Wellington





Canterbury



West Coast — watch this space



The Future



- Well-established team, framework and toolbox.
- Continued development of WBC resources throughout NZ.
- Continue the collaborative direction with community, govt orgs and NGOs.
- Continue support with national delivery in established areas and for more national expansion of the programme.
- Continue using the WBC programme in a networked catchment restoration context.
- New website with data uploading capability
- 2017 National Wananga in Leigh, Rodney