

## **Elver Survey: Participatory Science in the Wairua Catchment, Northland**

**Te Kūwaha** (Māori Environmental Research Group) NIWA

**Ngā Kaitiaki o Ngā Wai Māori**, representing interests of five hapū in the Wairua catchment

- In 2012 launched a five year strategic plan for their waterways from the headwaters to the Wairua/Mangakāhia confluence.
- Difficult to catch enough tuna for whānau consumption let alone to provide at marae events due to fish passage, habitat & water quality degradation issues.

### **Strategic goals – Tuna**

- Three annual tuna (elver) transfer operations achieved
- Tuna friendly options in place at flood control scheme
- Fish ladders & passes in place at power station & pumps
- Monitoring in place for tuna









































































































































































































































RAIKU

Stop  
your unrolling  
creek-bed:

come rain hail  
and flood-water

laugh again