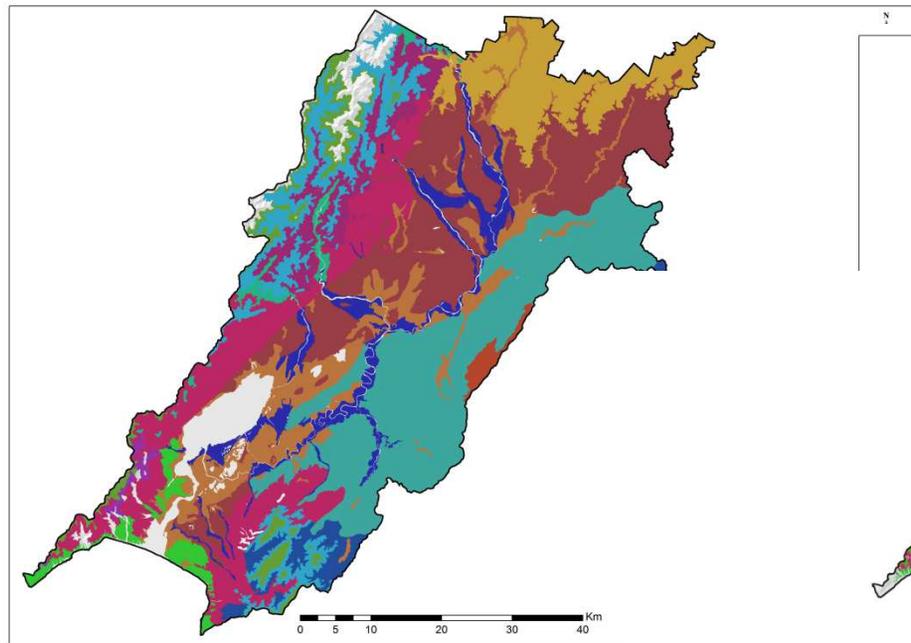


# Biodiversity Summary

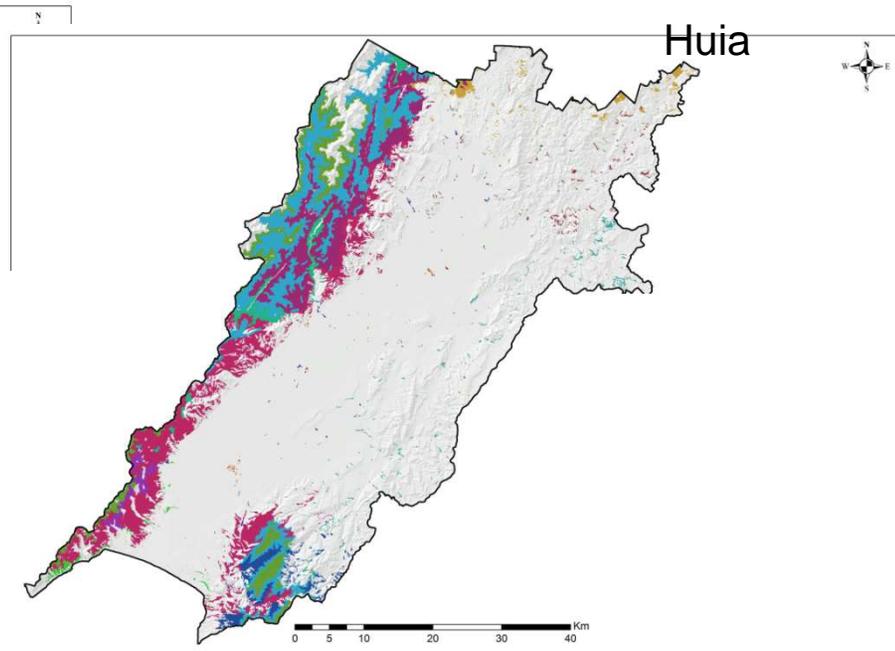
## Ruamāhanga whaitua



# Loss of riparian areas and species



Past



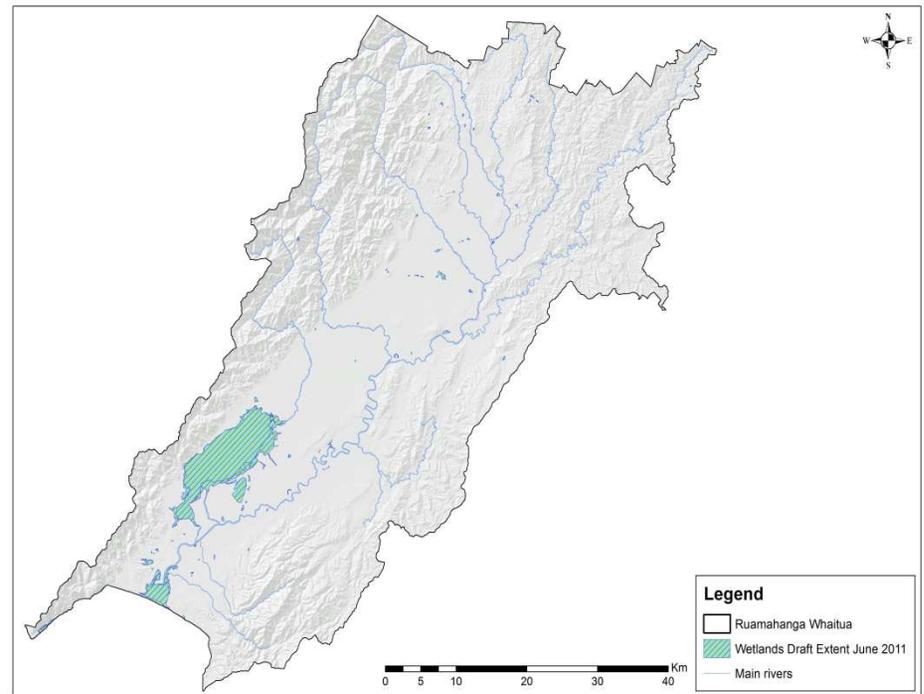
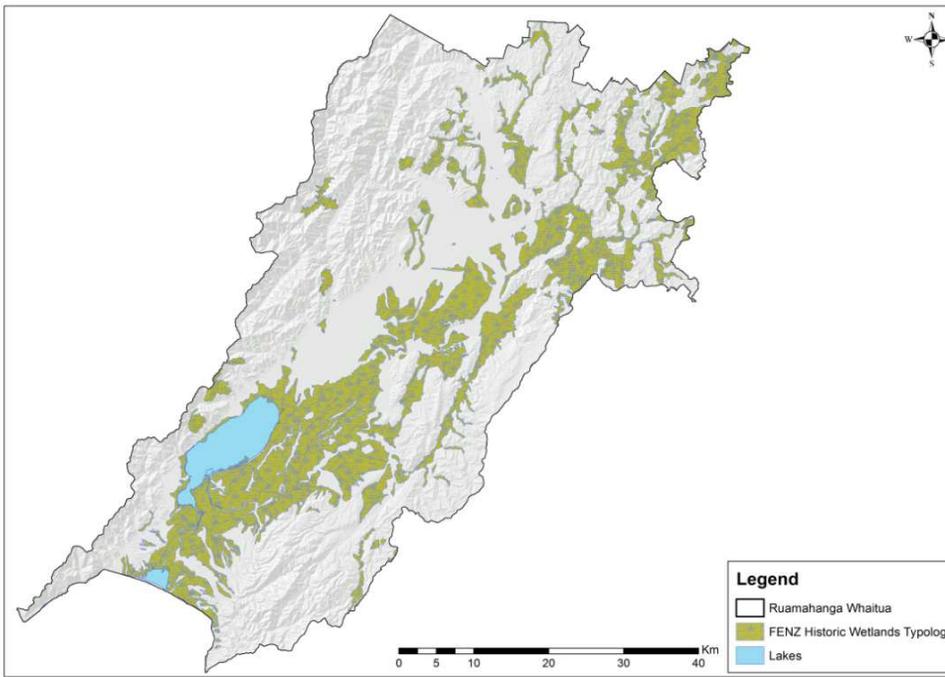
Present

# Critically threatened species

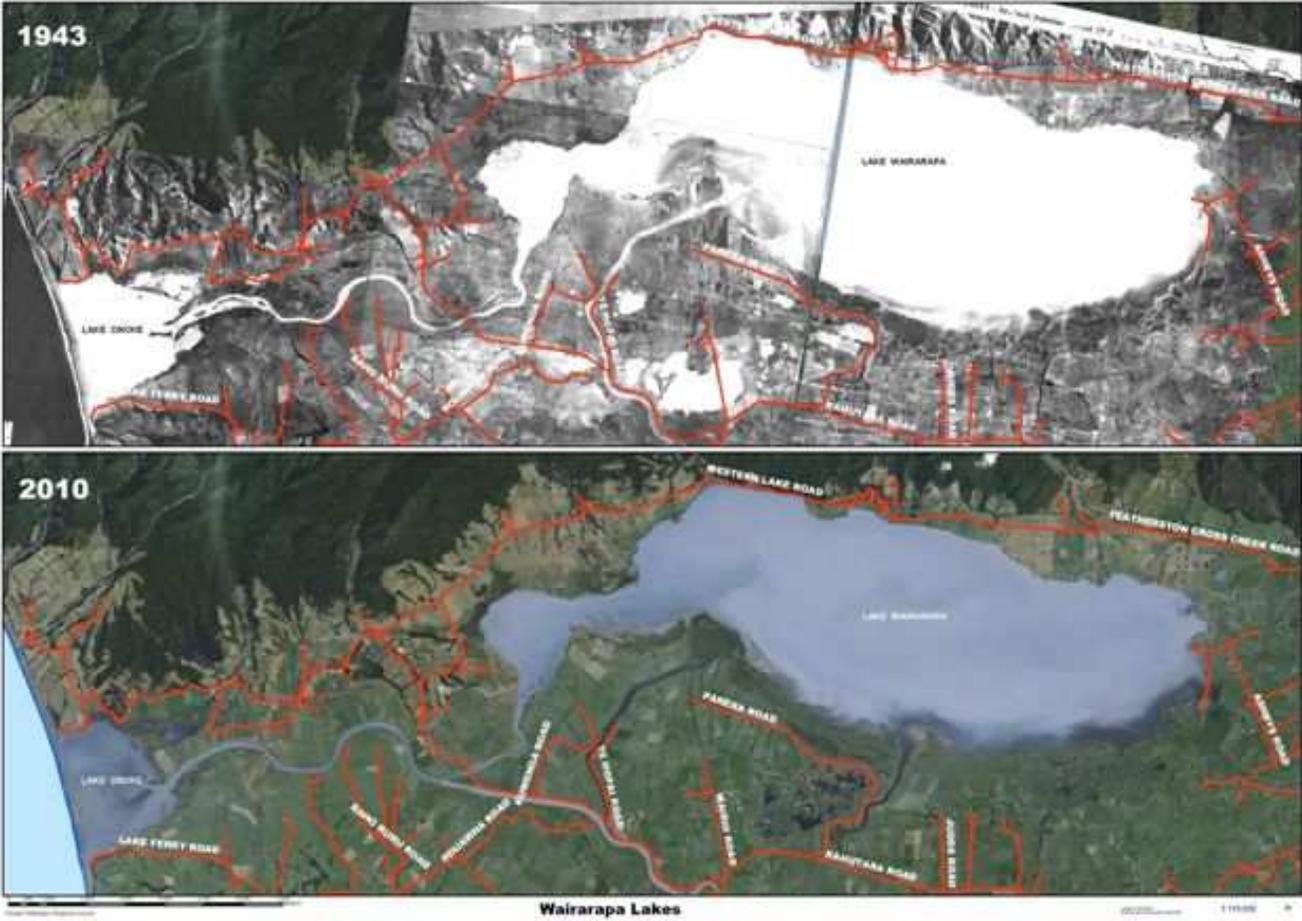


Black-billed gull

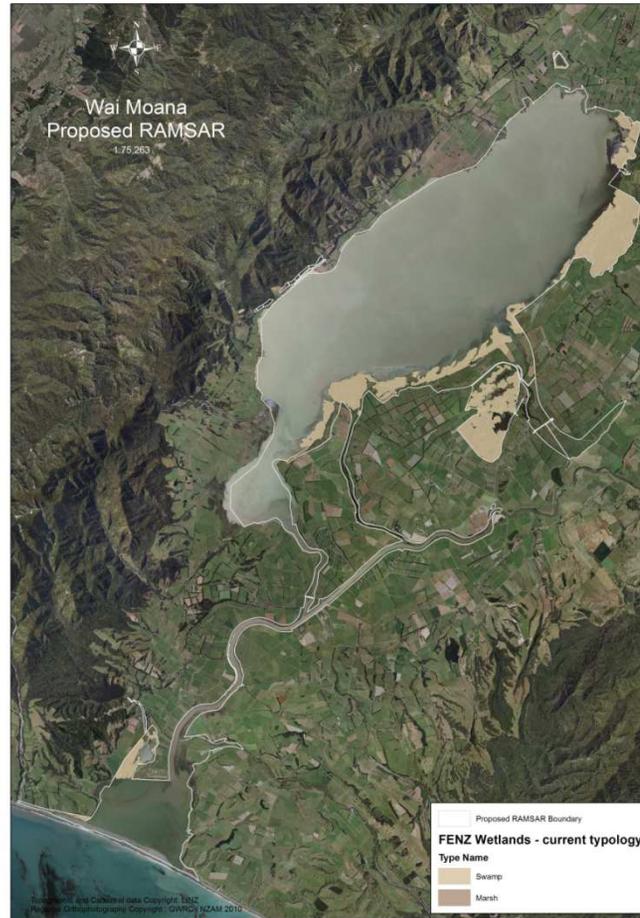
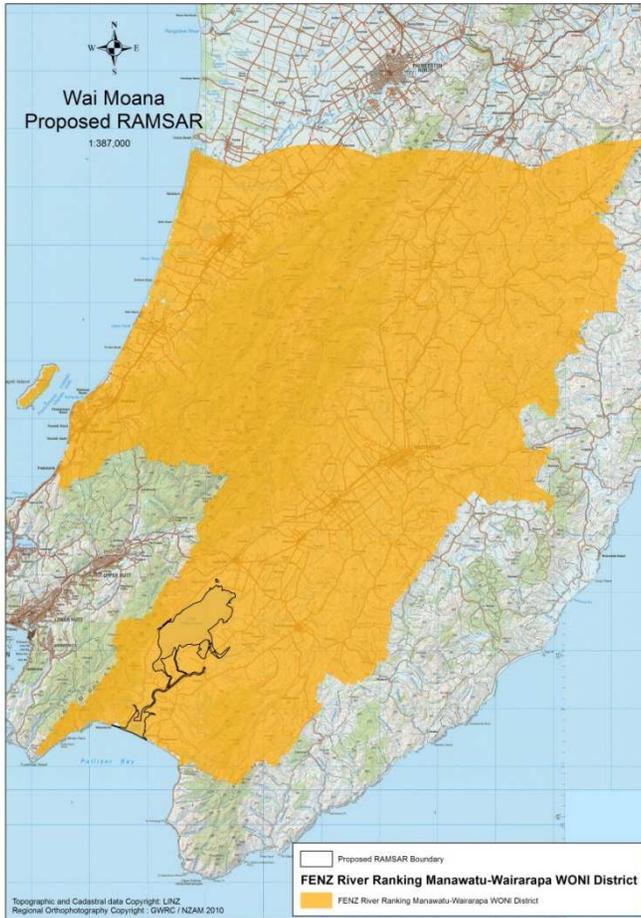
# Loss of wetlands



# Wairarapa Moana wetland loss



# Proposed Ramsar site



# Birds – Wairarapa Moana

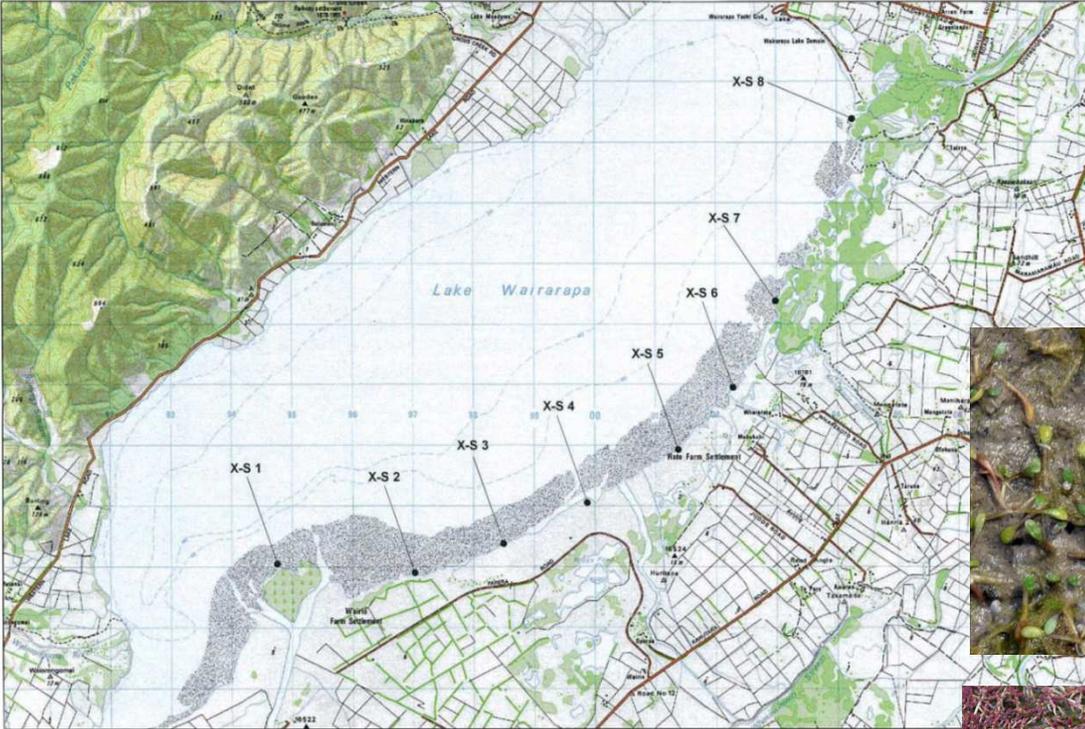


102 species  
23% NZ's bird species

hanga  
Committee  
Wairarapa



# Plants –Wairarapa Moana



Crassula



Glossostigma



Myriophyllum



# Fish - Wairarapa Moana



# Whaitua freshwater fish

- 20 native species
- 11 of these 20 are at risk or nationally threatened
- 16 of these 20 are diadromous: need to migrate to and from the sea
- Generally lower diversity and abundance in the whaitua

# Fish life-cycles

- Diadromous species



- Non-diadromous species



Wairarapa

# Tuna



# Giant Kokopu



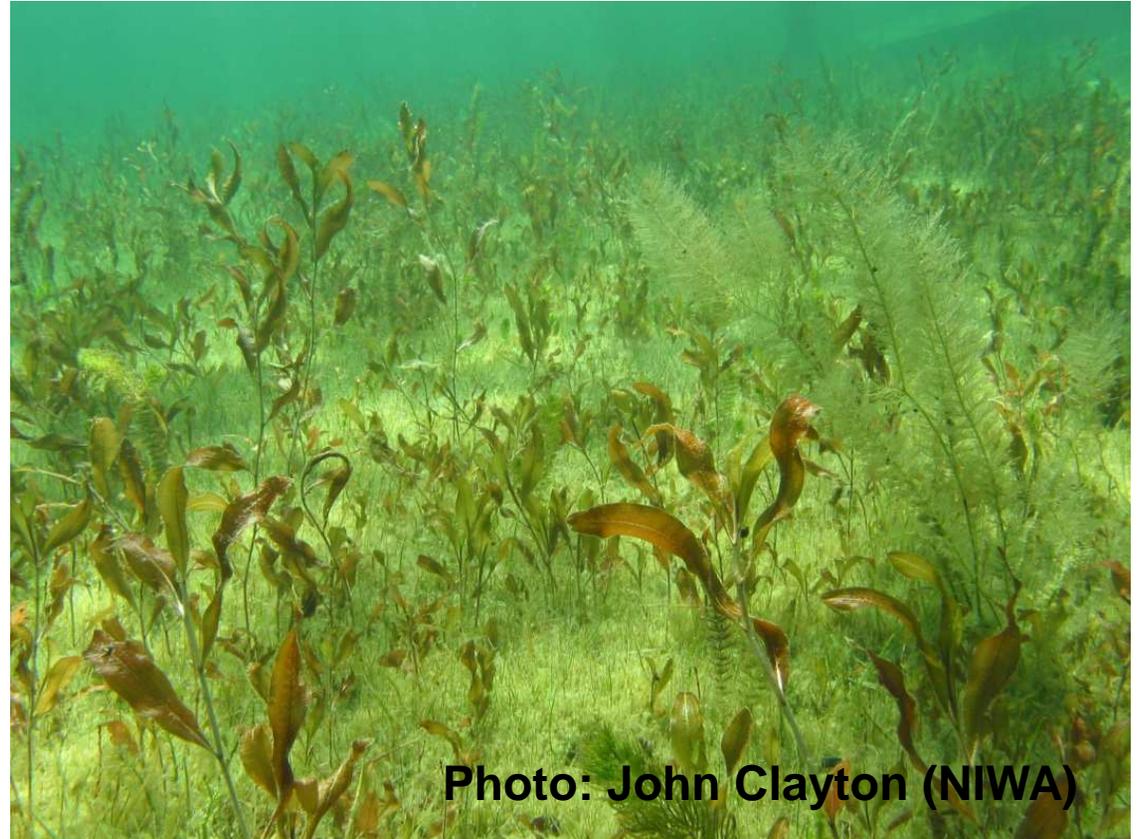
# Bullies



# Aquatic invertebrate diversity



# Aquatic plants



**Photo: John Clayton (NIWA)**

# Effects on aquatic diversity





