

Ohau Channel Diversion Wall Kōura and kākahi

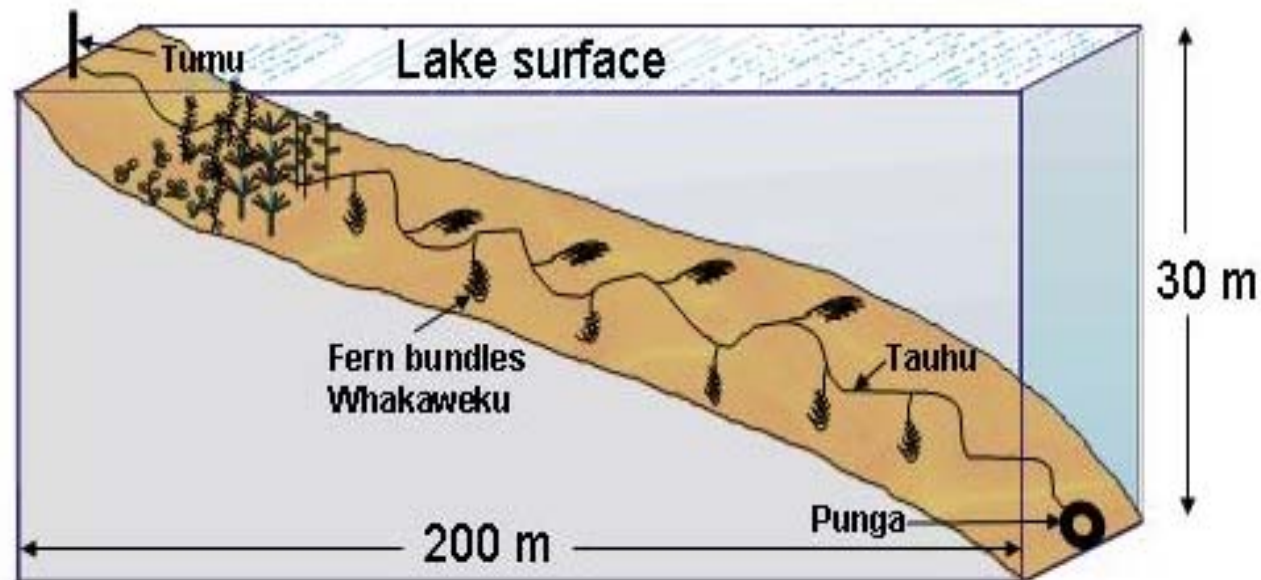


Ian Kusabs, Willie Emery, Joe Butterworth

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Modern day tau kōura





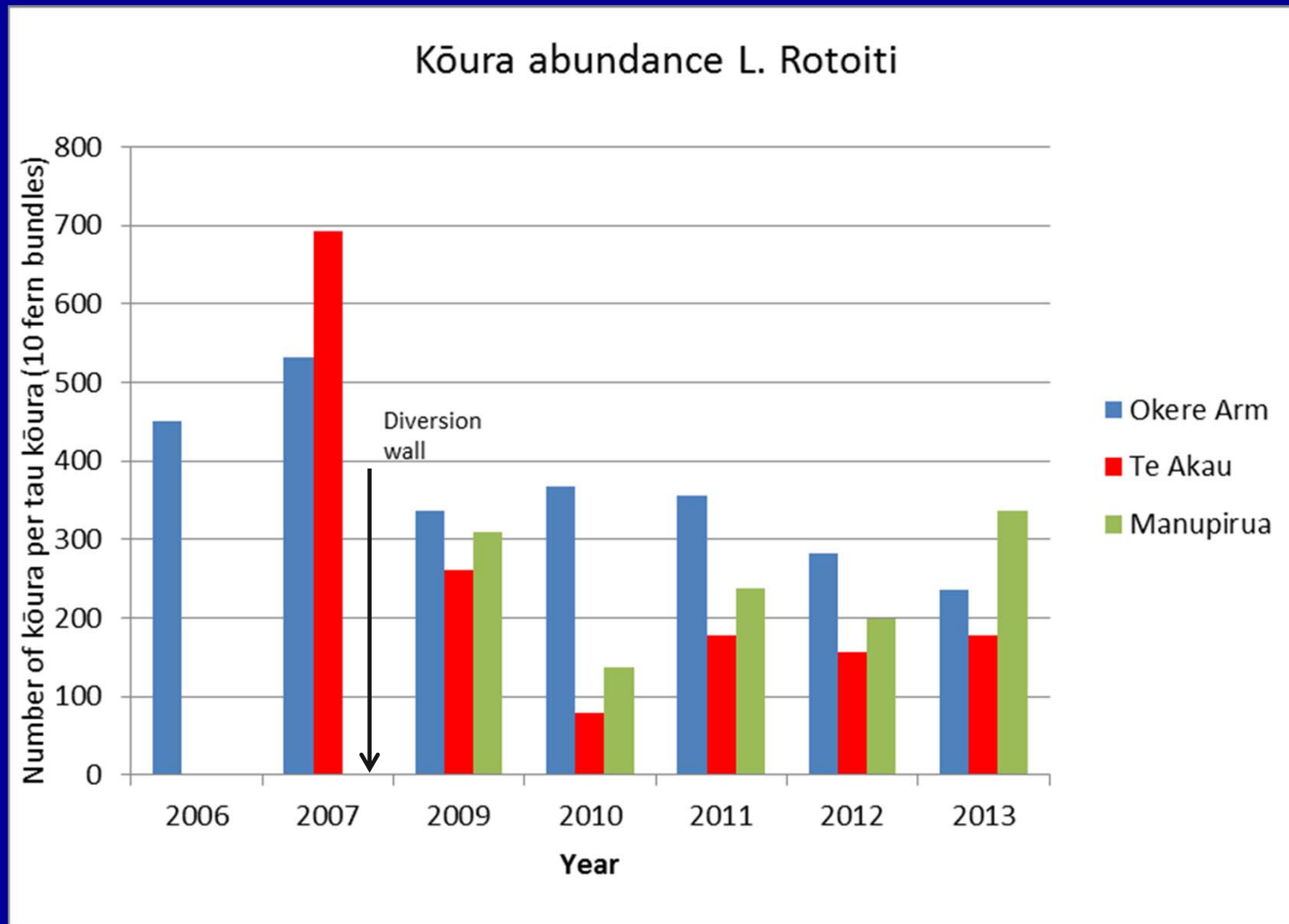
Retrieving the tau kōura



Kōura collection



Abundance of kōura captured at Okere Arm, Te Akau & Manupirua 2006-2013



Kōura results

- Kōura are still abundant in Okere Arm.
- There has been a significant decline in kōura abundance at Ōkere (treatment) and at Te Ākau (control).
- The reasons for the decline in the abundance and yield in the Ōkere Arm could be due to hornwort invasion in these shallow sites.



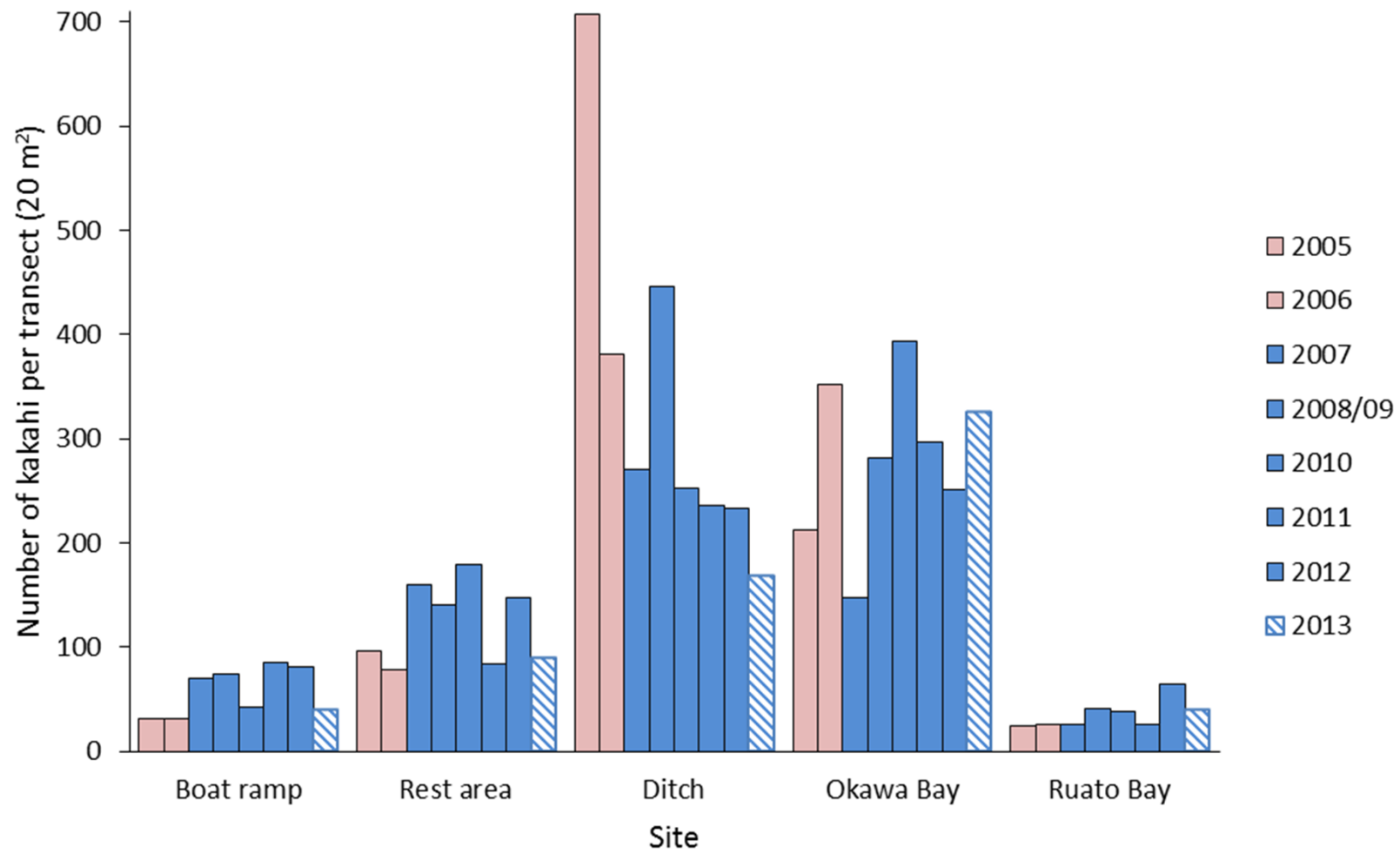
Kakahahi monitoring

- Shallow water <1.2m deep (no scuba)
- 5 monitoring sites
- 3 monthly





Kakahi - Lake Rotoiti



Kākahī summary

- Kākahī remain abundant in the Okere Arm and Lake Rotoiti.
- Significant increase at the Boat Ramp site and a decline at the Ditch site (both treatment sites). Maybe due to improved water clarity.
- The fine silt appears to have consolidated in the past 2 years or so, resulting in habitat more suitable for kākahī.
- The Ōkere Arm is a dynamic environment and future changes in kākahī abundance are inevitable until equilibrium is reached.

Summary

- Kōura and kākahi remain abundant in the Okere Arm and Lake Rotoiti.
- The Ōkere Arm is a dynamic environment and future changes in kōura and kākahi abundance are inevitable until equilibrium is reached.

Acknowledgements

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