SHAUN OGILVIE – Maori Business Development Consultant

IWI AFFILIATION

Ngati Awa (Ngati Pukeko) and Te Arawa (Ngati Whakahemo)

QUALIFICATIONS

PhD, Ecology, Canterbury University, 2000

PROFESSIONAL AFFILIATIONS

Member of New Zealand's Environmental Risk Management Authority (ERMA), Member of Ecological Society of New Zealand, Member of NZ Institute of Directors.

ROLE AT CAWTHRON

Providing a liaison service between Maori organisations and Cawthron staff. Shaun's position was established in 2008 and is based on an understanding of how scientific expertise can be best used to support Maori economic and cultural aspirations.

SPECIAL INTERESTS & ACHIEVEMENTS

- Research born from, for, with, and by Maori communities
- Environmental fate of vertebrate pesticides
- Ecology of aquaculture systems
- Protection and rehabilitation of culturally important wildlife species

SELECTED PUBLICATIONS

Ogilvie, SC, Ataria, JM, Waiwai, J Doherty, J, Miller, AA, Ross, JG, Eason, CT (2010) Vertebrate pesticide risk assessment by indigenous communities in New Zealand. Integrative Zoology, 1: 449-455.

Ogilvie SC, Miller A, Ataria JM, Waiwai, J, Doherty, J (in press). Uptake of 1080 (Sodium fluoroacetate) by Watercress and Puha – Culturally-Important Food Plants.

Ogilvie SC, Miller A, Ataria JM. (in press). There's a rumble in the jungle: 1080 – poisoning our forests or a necessary tool? Chapter in Kaitiaki: Maori and the Environment (R. Selby, P. Moore and M. Mulholland Eds), Huia Publishers, Auckland.

Eason CT, **Ogilvie**, SC, (2009) A re-evaluation of potential rodenticides for aerial control of rodents. DOC Research & Development Series 312. 34pp.

Ogilvie, SC, Ataria, JA, Waiwai, J (2007) Accessing scientific information on 1080. Te Putara 10, 4.

Ogilvie, SC, Ataria, JM, Waiwai, J, Doherty, JE, Lambert, M, Lambert, N, King, D (2006) Uptake and persistence of the vertebrate pesticide, sodium monofluoroacetate (Compound 1080), in plants of cultural importance. Ecotoxicology 15, 1-7.

Ogilvie, SC, Fox, SP, Ross, AH, James, MR, Schiel, DR (2004) Growth of cultured mussels (*Perna canaliculus*) at a deep water chlorophyll maximum layer. Aquaculture Research 35, 1253-1260.

Ogilvie, SC, Ross, AH, James, MR, Schiel, DR (2003) In situ enclosure experiments on the influence of cultured mussels (*Perna canaliculus*) on phytoplankton at times of high and low ambient nitrogen. Journal of Experimental Marine Biology and Ecology 295, 23-39.

Ogilvie, SC, Ross, AH, Schiel, DR (2000) Phytoplankton biomass associated with mussel farms in Beatrix Bay, New Zealand. Aquaculture 181(1): 71-80.

Ogilvie, SC, Pierce, R, Wright, GRG, Booth, LH, Eason, CT (1997) Brodifacoum residue analysis in water, soil, invertebrates and birds after rat eradication on Lady Alice Island. New Zealand Journal of Ecology 21(2): 195-197.

Ogilvie, SC, Hetzel, F, Eason, CT (1996) The effect of temperature on the biodegradation of sodium monofluoroacetate (1080) in water and in *Elodea canadensis*. Bulletin of Environmental Contamination and Toxicology, 56: 942-947.

Ogilvie, SC, Bowen, LH, Eason, CT (1995) The effect of the plant *Myriophyllum triphyllum* and temperature on the degradation of sodium monofluoroacetate (1080) in an aquatic ecosystem. Proc. 48th Plant Protection Conference. 1995: 260-263.

Ogilvie, SC, Mitchell, SF (1995) A model of mussel filtration in a shallow New Zealand Lake, with reference to eutrophication control. Archiv für Hydrobiology, 133(4): 471-482.