

Malcolm Main

## **Reports:**

### **General**

Main, M.R. 1998. Update of Aquatic habitats with indigenous floristic or faunistic value in the Canterbury region (Originally produced by M.J. Taylor and P. Champion, NIWA, in 1996). *Canterbury Regional Council Technical Report U98(63)*. 6 pp plus appendix.

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### **Instream Values**

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### **Discharges and Flow levels**

Main, M.R. A simple method for setting statutory minimum flows on salmonid streams. Presentation to NZ Limnological Society Conference, Taupo, April 1999.

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Main, M., R.; Taylor, M. J. 2010. Assessment of environmental impacts from the proposed stormwater discharge from the Aidanfield subdivision Stage 8&9; aquatic ecology. Aquatic Ecology Limited, Christchurch. No. 81. 37 p.

### **Native Fish**

Main, M.R. 1987. Feeding habits of the shortjawed kokopu. *Freshwater Catch 31*: 13.

Main, M.R. 1988. Factors Influencing the Distribution of Kokopu and Koaro (Pisces Galaxiidae). MSc thesis in zoology.

Main, M.R. 1989. Distribution and post-glacial dispersal of freshwater fishes in South Westland, New Zealand. *Journal of the Royal Society of New Zealand 19*: 161-169.

Main, M.R. & Lyon, G.L. 1988. Contribution of terrestrial prey to the diet of banded kokopu (*Galaxias fasciatus* Gray) in South Westland, New Zealand. *Verhandlungen der Internationale vereinigung fur theoretische und angewandte Limnologie 23*.

### **Invertebrates**

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### **Water Quality**

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L. Bolton-Ritchie and Main, M.R. 2005. Nutrient water quality Avon-Heathcote Estuary/Ihutai: Inputs, concentrations and potential effects. *Environment Canterbury Technical Report No. U05/71*. 82pp.

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Main M.R. 2000. Effects of border-dyke irrigation on stream water quality in the Amuri Basin. Report to Environment Canterbury. 13pp.

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Main, M.R. 2011. The discharge of treated sewage effluent from Lake Ohau Lodge: An assessment of effects on the environmental. *Aquatic Ecology Ltd Report 87*. 40pp

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## **Contamination**

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Main, M.R., Smith, V.R., and Taylor, K.J.W. 1996. Soils and Land Use. Non-point contamination of water in Canterbury: A discussion of the issues. A report to Canterbury Regional Council. 59 pp.

Main, M.R., and Taylor, K.J.W. 1990. Report on water right applications by Alliance Freezing Company to discharge meat processing effluent to the Waimakariri River. *Canterbury Regional Council Technical Report R90/20*. 79ppp plus appendices.

Main, M.R. and Taylor, M.J. Notes on discharges and contaminant loadings into Lyttelton Harbour. *Aquatic Ecology Ltd Report 92*. 12pp.

**Papers:**

Collier, K.J., Ball, J.O., Graesser, A.K., Main, M.R. and Winterbourn, M.J. 1990. Do organic and anthropogenic acidity have similar effects on aquatic fauna? *Oikos* 59: 33-38.

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