

Ian Duggan: Publications

Journal Articles

- Nuri, S.H., Kusabs, I.A. & **Duggan, I.C.** (in press), Comparison of bathyscope and snorkelling methods for iwi monitoring of kākahi (*Echyridella menziesii*) populations in the shallow littorals of Lake Rotorua and Rotoiti. *New Zealand Journal of Marine and Freshwater Research*
- Duggan, I.C.**, Pearson, A.A.C. & Kusabs, I.A. (in press), Effects of a native New Zealand freshwater mussel on zooplankton assemblages, including non-native *Daphnia*: a mesocosm experiment. *Marine and Freshwater Research*
- Duggan, I.C.**, Özkundakci, D. & David, B.O. (in press), Long-term zooplankton composition data reveal impacts of invasions on community composition in the Waikato lakes, New Zealand. *Aquatic Ecology*
- Le Quesne, K.S., Özkundakci, D. & **Duggan, I.C.** (in press), Life on the farm: are zooplankton communities in natural ponds and constructed dams the same? *Marine and Freshwater Research*
- Taura, Y.M. & **Duggan, I.C.** (2020), The relative effects of willow invasion, willow control and hydrology on wetland zooplankton assemblages. *Wetlands* 40: 2585-2595.
- Moore, T.P., Clearwater, S.J., **Duggan, I.C.** & Collier, K.J. (2020), Invasive macrophytes induce context-specific effects on oxygen, pH, and temperature in a hydropeaking reservoir. *River Research and Applications* 36: 1717-1729.
- Pearson, A.A.C. & **Duggan, I.C.** (2020), Dividing the algal soup: is there niche separation between native bivalves (*Echyridella menziesii*) and non-native *Daphnia pulex* in New Zealand? *New Zealand Journal of Marine and Freshwater Research* 54: 45-59.
- Moore, T.P., Collier, K.J. & **Duggan, I.C.** (2019), Interactions between Unionida and non-native species: a global meta-analysis. *Aquatic Conservation: Marine and Freshwater Ecosystems* 29: 1438-1451.
- Harrison, K.R. & **Duggan, I.C.** (2019), First record of the parasite *Transversotrema patialense* (Soparkar, 1924) within New Zealand, and its prevalence in *Melanoides tuberculata* (Müller, 1774) among captive and “wild” populations. *BioInvasions Records* 8: 729-735.
- Pearson, A.A.C. & **Duggan, I.C.** (2019), *Echyridella menziesii* (Bivalvia: Hyriidae) as a predator of zooplankton of different sizes; are large non-indigenous *Daphnia* a potential food source? *New Zealand Journal of Marine and Freshwater Research* 53: 327-337.
- Catlin, A.K., Collier, K.J. & **Duggan, I.C.** (2019), Diet of juvenile *Galaxias maculatus* (Galaxiidae) during the upstream migration period in the lower Waikato River, New Zealand. *Marine and Freshwater Research* 70: 816-823.
- Tremblay, L.A., Champeau, O., Cahill, P.L., Pullan, S., Grainger, N. & **Duggan, I.C.** (2019), Assessment of chemical and physical treatments to selectively kill non-indigenous freshwater zooplankton species. *New Zealand Journal of Marine and Freshwater Research* 53: 97-112.
- Pearson, A.A.C. & **Duggan, I.C.** (2018), A global review of zooplankton species in freshwater aquaculture ponds: what are the risks for invasion? *Aquatic Invasions* 13: 311-322.
- Duggan, I.C.**, Champion, P.D. & Maclsaac, H.J. (2018), Invertebrates associated with aquatic plants bought from aquarium stores in Canada and New Zealand. *Biological Invasions* 20: 3167-3178.
- Stewart, S.D., Hamilton, D.P., Baisden, W.T., Verburg, P. & **Duggan, I.C.** (2018), The role of mobile consumers in lake nutrient cycles: A brief review. *Hydrobiologia* 818: 11-29.
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- Stewart, S.S., Hamilton, D.P., Baisden, W.T., Dedual, M., Verburg, P., **Duggan, I.C.**, Hicks, B.J. & Graham, B.S. (2017), Variable littoral-pelagic coupling as a food-web response to seasonal changes in pelagic primary production. *Freshwater Biology* 62: 2008–2025.
- Montemezzani, V., **Duggan, I.C.**, Hogg, I.D. & Craggs, R.J. (2017), Control of zooplankton populations in a wastewater treatment High Rate Algal Pond using overnight CO₂ asphyxiation. *Algal Research* 26: 250-264.
- Branford, S.N. & **Duggan, I.C.** (2017), Grass carp (*Ctenopharyngodon idella*) translocations, including hitchhiker introductions, alter zooplankton communities in receiving ponds. *Marine and Freshwater Research* 68: 2216–2227.
- Duggan, I.C.** & Payne, R.J. (2017), Revisiting Elton’s copepods: lake construction has altered the distribution and composition of calanoid copepods in the British Isles. *Aquatic Invasions* 12: 159-166.
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- Lucena-Moya, P. & **Duggan, I.C.** (2017), Correspondence between zooplankton assemblages and the Estuary Environment Classification system. *Estuarine, Coastal and Shelf Science* 184: 1-9.
- Ginders, M.A., Collier, K.J., **Duggan, I.C.** & Hamilton, D.P. (2016), Influence of hydrological connectivity on plankton communities in natural and reconstructed side-arms of a large New Zealand river. *River Research and Applications* 32: 1675–1686.
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- Lucena-Moya, P. & **Duggan, I.C.** (2011), Macrophyte architecture affects the abundance and diversity of littoral microfauna. *Aquatic Ecology* 45: 279-287.
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Books and Chapters

- Duggan, I.C.** & Collier, K.J. (2018), Management of non-indigenous lacustrine animals. In: Lake restoration handbook: a New Zealand perspective. D. Hamilton, K. Collier, J. Quinn, C. Howard-Williams (eds.). Springer International Publishing. Pp 299-331.
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