

## Amber's publications

### Summary (last updated December 2018)

Amber has published 5 journal articles, 7 conference proceedings, 51 client reports, 24 popular media articles, and 5 children's books.

### Journal articles

McEwan AJ, Joy MK 2009. Differences between freshwater fish and crustacean communities in urban and forested streams in Auckland, New Zealand. *New Zealand Journal of Marine and Freshwater Research* 43: 1115-1120

McEwan AJ, Joy MK 2011. Monitoring a New Zealand freshwater fish community using passive integrated transponder (PIT) technology: lessons learned and recommendations for future use. *New Zealand Journal of Marine and Freshwater Research* 45: 121-133

McEwan AJ, Joy MK 2013a. Responses of three PIT-tagged native fish species to floods in a small, upland stream in New Zealand. *New Zealand Journal of Marine and Freshwater Research* 47: 225-234

McEwan AJ, Joy MK 2013b. Habitat use of redfin bullies (*Gobiomorphus huttoni*) in a small upland stream in Manawatu, New Zealand. *Environmental Biology of Fishes* 97: 121-132

McEwan AJ, Joy MK 2013c. Diel habitat use of two sympatric galaxiid stream fishes at two spatial scales a small upland stream in Manawatu, New Zealand. *Environmental Biology of Fishes* 97: 897-907

### Conference proceedings

McEwan AJ, Joy MK 2007. Mark-recapture: non-migratory bullies. Conference Poster. New Zealand Freshwater Sciences Society Conference 2007. Millennium Hotel, Queenstown, New Zealand

McEwan AJ, Joy MK, David BO 2008. It's all about substrate: microhabitat requirements of freshwater fish living in a pristine stream in New Zealand. Conference Talk, New Zealand Freshwater Sciences Society Conference 2008. Plymouth Hotel, New Plymouth, New Zealand. Also presented at Intecol 10: Tenth International Congress of Ecology 2009. Brisbane Convention and Exhibition Centre, Brisbane, Australia

McEwan AJ, Joy MK 2008. Big city life: Assessing urban disturbance using non-migratory species. Conference Poster, New Zealand Freshwater Sciences Society Conference 2008. Plymouth Hotel, New Plymouth, New Zealand

McEwan AJ, Joy MK, David BO 2008. Habitat sharing and partitioning in shortjaw kokopu. Conference Poster, New Zealand Freshwater Sciences Society Conference 2008. Plymouth Hotel, New Plymouth, New Zealand

McEwan AJ, Joy MK 2013. Responses of PIT-tagged native fish to floods in a small stream. Conference Talk, New Zealand Freshwater Sciences Society Conference 2013. University of Waikato, Hamilton, New Zealand

McEwan AJ 2017. Perch eradication in a large, deep, stratified reservoir above an urban area: is it feasible? Conference Poster, New Zealand Freshwater Sciences Society Conference 2017. Claudelands Event Centre, Hamilton, New Zealand.

McEwan AJ 2018. Comparing indigenous and modern methods of kakahi translocation: implications for ecological restoration. Conference Poster, Australasian Malacological Society Conference, Te Papa, Wellington, New Zealand 3-5<sup>th</sup> December 2018. AND Conference Poster, New Zealand Freshwater Sciences Society Conference, Rutherford Hotel, Rutherford Street, Nelson 10-14<sup>th</sup> December 2018.

### **Client reports**

McEwan AJ 2009. Papawai-Mangarara stream fish survey. Report for Papawai-Mangarara Stream Care Group, Greytown, New Zealand

McEwan AJ 2009. Owhaoko Biodiversity Assessment: Freshwater fish component. Report prepared for Owhaoko B&D Trust, Taihape, New Zealand

McEwan AJ 2009. Lake Wairarapa Fish Survey. Report for Greater Wellington Regional Council, Wairarapa, New Zealand

McEwan A 2010. Wairarapa Moana fish survey. Report for Wairarapa Moana Wetlands Group, Masterton, New Zealand

McEwan AJ 2011. Summary of aquatic environmental impacts regarding work conducted in the Papawai Stream. Report for private client. Masterton, New Zealand

McEwan AJ 2012. Wairarapa Moana kakahi survey 2012. Report for the Wairarapa Moana Wetlands Group. Riverscapes Freshwater Ecology, Masterton, New Zealand

McEwan AJ 2015. Kākahi monitoring guide. Prepared for the Wairarapa Moana Wetlands Group. Greater Wellington Regional Council, Wellington, New Zealand

McEwan AJ 2013. Considerations for restoration of native freshwater fish populations in the Parangarahu Lakes. Report prepared for Greater Wellington Regional Council. Riverscapes Freshwater Ecology, Masterton, New Zealand

McEwan AJ in press. Monitoring guidelines for large galaxiids. Prepared for the Department of Conservation, Wellington, New Zealand

McEwan AJ in press. Survey and monitoring guidelines for non-migratory galaxiids. The Department of Conservation, Wellington, New Zealand

McEwan AJ in press. Guidelines for the use of anaesthesia and tag technology on freshwater fishes. The Department of Conservation, Wellington, New Zealand

McEwan AJ in press. Freshwater fish species Recovery Plans 2003-2013: the decade in review. The Department of Conservation, Wellington, New Zealand

McEwan AJ 2014. Assessment of migratory native fish passage through the O te Pua Wetland system, Otaki. Report prepared for Greater Wellington Regional Council. Riverscapes Freshwater Ecology, Masterton, New Zealand

McEwan AJ 2014. Assessment of migratory fish passage at Roselea Farm, Carterton. Report for private client. Riverscapes Freshwater Ecology, Masterton, New Zealand

McEwan AJ 2015. Habitat assessment and mitigation for proposed Whareama river realignment at Annedale Road. Report prepared for Greater Wellington Regional Council. Riverscapes Freshwater Ecology, Masterton, New Zealand

McEwan AJ 2015. Exotic fish intervention in Barton's Lagoon, Wairarapa Moana. Interim report: year one of an experimental control program. Report prepared for the Wairarapa Moana Wetlands Group. Riverscapes Freshwater Ecology, Masterton, New Zealand

McEwan AJ 2015. Assessment of Environmental Effects: proposed stopbanking and channel cutting at Kumenga Station. Report prepared for Eastern Consulting Ltd. Riverscapes Freshwater Ecology, Masterton, New Zealand

McEwan AJ 2015. Carter Reserve baseline fish survey: open water habitats. Report prepared for the Department of Conservation. Riverscapes Freshwater Ecology, Report no. 15-06, Masterton, New Zealand

McEwan AJ 2015. Assessment of Environmental Effects: Mangatarere realignment. Report prepared for the Carterton District Council. Riverscapes Freshwater Ecology, Report no. 15-07, Masterton, New Zealand

McEwan AJ 2015. Native fish habitat requirements: initial priority species. Report prepared for the Department of Conservation. Riverscapes Freshwater Ecology, Report no. 15-08, Masterton, New Zealand

McEwan AJ 2015. Exotic fish eradication in the lower reservoir: feasibility assessment. Report prepared for Zealandia-Karori Sanctuary. Riverscapes Freshwater Ecology, Report no. 15-09, Masterton, New Zealand

McEwan AJ 2015. Ecological impact assessment: Kuripuni Stream piping. Report prepared for Eastern Consulting Limited. Riverscapes Freshwater Ecology, Report no. 15-13, Masterton, New Zealand.

McEwan AJ 2015. Carter Reserve baseline fish survey: ephemeral habitats. Report prepared for the Department of Conservation. Riverscapes Freshwater Ecology, Report no. 15-14, Masterton, New Zealand.

McEwan AJ 2016. Exotic fish intervention in Barton's Lagoon, Wairarapa Moana: results and learnings from a two-year experimental control program. Report prepared for the Wairarapa Moana Wetlands Group. Riverscapes Freshwater Ecology, Report no. 16-01, Masterton, New Zealand.

McEwan AJ 2016. Waingawa River invertebrate survey – Masterton wastewater treatment plant consent monitoring 2016. Report prepared for the Masterton District Council. Riverscapes Freshwater Ecology, Report no. 16-02, Masterton, New Zealand.

McEwan AJ 2016. Whareama sediment retention weir inspection: follow up monitoring for Consent WAR140191. Report prepared for Greater Wellington Regional Council. Riverscapes Freshwater Ecology, Report no. 16-03, Masterton, New Zealand.

McEwan AJ 2016. Whareama River fish salvage – Annedale Road realignment 2016. Report prepared for Greater Wellington Regional Council. Riverscapes Freshwater Ecology, Report no. 16-05, Masterton, New Zealand.

McEwan AJ 2016. Project Plan: Zealandia lower reservoir rehabilitation project. Report for Zealandia-Karori Sanctuary. Riverscapes Freshwater Ecology, Report no. 16-05, Masterton, New Zealand.

McEwan AJ 2016. Research Plan: Zealandia lower reservoir rehabilitation project. Report for Zealandia-Karori Sanctuary. Riverscapes Freshwater Ecology, Report no. 16-07, Masterton, New Zealand.

McEwan AJ 2016. Wairarapa Moana perch spawning site surveys. Phase 1: identification of potential spawning sites. Report prepared for the Wairarapa Moana Wetlands Group. Riverscapes Freshwater Ecology Limited, Report no. 16-10, Masterton, New Zealand.

McEwan AJ 2016. Ecological Assessment: Makakaweka Stream piping. Report prepared for John Philpott & Associates Ltd. Riverscapes Freshwater Ecology Limited, Report no. 16-11, Masterton, New Zealand.

McEwan AJ 2016. Taupo Swamp fish surveying – ephemeral habitats. Report prepared for QEII Trust. Riverscapes Freshwater Ecology Limited, Report no. 16-12, Masterton, New Zealand.

McEwan AJ 2016. Wairarapa Moana perch spawning site surveys. Phase 2: Site inspections. Report prepared for the Wairarapa Moana Wetlands Group. Riverscapes Freshwater Ecology Limited, Report no. 16-13, Masterton, New Zealand.

McEwan AJ 2016. Solway Stream fish survey. Report prepared for Adamson Shaw. Riverscapes Freshwater Ecology Limited, Report no. 16-14, Masterton, New Zealand.

McEwan AJ 2016. Ecological Assessment: Bassett Farms stream diversion. Report prepared for Bassett Farms. Riverscapes Freshwater Ecology Limited, Report no. 16-14, Masterton, New Zealand.

McEwan AJ 2016. Stream Ecological Valuation: Taranaki Street development, Masterton. Report prepared for Adamson Shaw. Riverscapes Freshwater Ecology Limited, Report no. 16-18, Masterton, New Zealand.

McEwan AJ 2016. Stream Ecological Valuation: Solway development, Masterton. Report prepared for Adamson Shaw. Riverscapes Freshwater Ecology Limited, Report no. 16-19, Masterton, New Zealand.

McEwan AJ 2017. Waingawa River ecological surveying: Masterton Water Treatment Plant consent monitoring 2017. Report prepared for Masterton District Council. Riverscapes Freshwater Ecology Limited, Report no. 17-08, Masterton, New Zealand.

McEwan AJ 2017. Ruamahanga River ecological surveying: Martinborough Wastewater Treatment Plant consent monitoring 2017. Report prepared for South Wairarapa District Council. Riverscapes Freshwater Ecology Limited, Report no. 17-10, Masterton, New Zealand.

McEwan AJ 2017. Taupo Swamp fish surveying – ephemeral habitats. Report prepared for QEII Trust. Riverscapes Freshwater Ecology Limited, Report no. 17-14, Masterton, New Zealand.

McEwan AJ 2017. Carter Reserve aerial ivy survey. Report prepared for South Wairarapa District Council. Riverscapes Freshwater Ecology Limited, Report no. 17-13, Masterton, New Zealand.

McEwan AJ 2017. Papawai Stream ecological surveying: Greytown Wastewater Treatment Plant consent monitoring 2017. Report prepared for South Wairarapa District Council. Riverscapes Freshwater Ecology Limited, Report no. 17-15, Masterton, New Zealand.

McEwan AJ 2017. Wetland fish surveying: Kāpiti. Report prepared for Greater Wellington Regional Council. Riverscapes Freshwater Ecology Limited, Report no. 17-25, Masterton, New Zealand.

McEwan AJ 2017. Ruamahanga River ecological surveying. Masterton Wastewater Treatment Plant consent monitoring spring 2017. Report prepared for Masterton District Council. Riverscapes Freshwater Ecology Limited, Report no. 17-27, Masterton, New Zealand.

McEwan AJ 2018. Waingawa River ecological surveying: Masterton Water Treatment Plant consent monitoring 2018. Report prepared for Masterton District Council. Riverscapes Freshwater Ecology Limited, Report no. 18-02, Masterton, New Zealand.

McEwan AJ 2018. Ruamahanga River ecological surveying: Martinborough Wastewater Treatment Plant consent monitoring 2018. Report prepared for South Wairarapa District Council. Riverscapes Freshwater Ecology Limited, Report no. 18-03, Masterton, New Zealand.

McEwan AJ 2018. Castlepoint Stream ecological surveying: Castlepoint Wastewater Treatment Plant consent monitoring 2018. Report prepared for Masterton District Council. Riverscapes Freshwater Ecology Limited, Report no. 18-07, Masterton, New Zealand.

McEwan AJ 2018. Perch egg removal trials: Interim report 1. Report prepared for the Wairarapa Moana Wetlands Group. Riverscapes Freshwater Ecology Limited, Report no. 18-09, Masterton, New Zealand.

McEwan AJ 2018. Ruamahanga River ecological surveying. Masterton Wastewater Treatment Plant consent monitoring summer 2018. Report prepared for Masterton District Council. Riverscapes Freshwater Ecology Limited, Report no. 18-10, Masterton, New Zealand.

McEwan AJ 2018. Ruamahanga River ecological surveying. Masterton Wastewater Treatment Plant consent monitoring spring 2018. Report prepared for Masterton District Council. Riverscapes Freshwater Ecology Limited, Report no. 18-20, Masterton, New Zealand.

Todd M, Kettles H, Graeme C, Sawyer J, McEwan A, Adams L (2016). Estuarine systems in the lower North Island/Te Ika-a-Māui: ranking of significance, current status and future management options. Department of Conservation, Wellington, New Zealand. 400 p.

### **Newspaper articles and blog posts**

McEwan AJ, Joy MK 2008. Commercial fishing could spell the end for our eels. The New Zealand Herald, Tuesday 1st July

McEwan AJ Joy MK 2008. The high price of a fritter (commercial fishing of whitebait species). The Dominion Post, 28 August

McEwan AJ, Joy MK 2009. Fight for our fish. Forest and Bird Magazine, Issue 334, November

McEwan AJ 2012. No Water no Problem to Mudfish. Wairarapa News, Wednesday 20th June

McEwan AJ 2012. Breeding koura carry a heavy load. Wairarapa News, Wednesday 18th July

McEwan AJ 2012. Whitebait scarce as kiwi. Wairarapa News, Wednesday 15th August

McEwan AJ 2012. Whitebait: more than meets the eye. Element magazine, Monday 20th August

McEwan AJ 2012. Insects essential to this whitebait. Wairarapa News, Wednesday 5th September

McEwan AJ 2012. Whitebait whoppers a rare sight. Wairarapa News, Wednesday 26th September

McEwan AJ 2012. This whitebait an amazing climber. Wairarapa News, Wednesday October 24<sup>th</sup>

McEwan AJ 2012. Favourite Fritters face fragile future. Wairarapa News, Wednesday November 21<sup>st</sup>

McEwan AJ 2012. Bully makes a move. Wairarapa News, Wednesday December 5<sup>th</sup>

McEwan AJ 2013. Tiny fish faces challenges. Wairarapa News, Wednesday 23rd January

McEwan AJ 2013. Native mussel a hitchhiker. Wairarapa News, Wednesday 20th February

McEwan AJ 2013. Special creatures need protection. Wairarapa News, Wednesday 13th March

McEwan AJ 2012. A life less ordinary for native mussels. Forest and bird blog, Friday 7th December.  
Available: <http://blog.forestandbird.org.nz/a-life-less-ordinary-for-native-mussels/>

McEwan AJ 2013. Black flounder on move: a fascinating native freshwater flatfish. Wairarapa News, Wednesday 29th May

McEwan AJ 2013. Tiny native fish are at risk. Wairarapa News, Wednesday 24th April

McEwan AJ 2012. Fish tales. Forest and bird blog, Tuesday 18th December.  
Available: <http://blog.forestandbird.org.nz/fish-tales/>

McEwan AJ 2013. River dwarves. Forest and Bird blog. Monday 14th January.  
Available: <http://blog.forestandbird.org.nz/river-dwarves/>

McEwan AJ 2013. PCE issues call for a moratorium on commercial long-fin eel harvesting. Tuesday 23rd April. Available: <http://blog.forestandbird.org.nz/pce-echoes-calls-for-a-moratorium-on-commercial-long-fin-eel-harvesting/>

McEwan AJ 2013. The secret life of our bluegill bully. Tuesday 30th April. Available: <http://blog.forestandbird.org.nz/the-secret-life-of-our-bluefin-bully/>

McEwan AJ 2013. Our amazing flat-faced patiki. Friday 17<sup>th</sup> May. Available: <http://blog.forestandbird.org.nz/our-amazing-flat-faced-patiki/> Also published at: <http://sciblogs.co.nz/waiology/2013/05/30/rhombosolea-retiaria-the-freshwater-flounder/>

McEwan AJ 2015. Where have all the young ones gone? Forest and Bird Magazine Issue 335, February 2015

## **Books**

McEwan AJ, Perrie AC 2012. The fish of Wairarapa Moana. In: Wairarapa Moana: The Lake and its People. Grant IF (Ed). Wairarapa Archive, Masterton, New Zealand. 317 p

McEwan AJ 2013. What's that living in my stream: Whitebait. Papawai Press, Auckland, New Zealand

McEwan AJ 2013. The Whitebait Wriggle. Papawai Press, Auckland, New Zealand

McEwan AJ 2014. What's that living in my stream: New Zealand freshwater fish. Papawai Press, Auckland, New Zealand

McEwan AJ 2016. Eel song. Papawai Press, Auckland, New Zealand

McEwan AJ 2017. What's that living in my stream: freshwater invertebrates. Papawai Press, Auckland, New Zealand

### **Other**

McEwan AJ 2009. Fine scale spatial behaviour of indigenous riverine fish in a small New Zealand stream. Unpublished MSc thesis, Massey University, Palmerston North, New Zealand. 89 p

McEwan AJ 2013. Freshwater eels in New Zealand. Educational brochure for the public (created with DOC and Massey University). Massey University Press, Palmerston North, New Zealand

McEwan AJ 2017. Go whitebait. a card game, printed by the Game Crafter USA, available from Papawai Press, Auckland, New Zealand