

Shane Jones 1 August 2024

Thank you for your email. There is a way for New Zealand to easily create enormous overseas exchange earnings from exports by rebuilding freshwater fisheries food chains that had used to exist and that had supported both fresh and saltwater coastal fisheries production. The Provincial Growth Fund could now be used to make this happen.

With a farming background I know the importance of creating production by growing grass. The same holds true for our coastal fisheries which rely on ecosystem food chain production. By draining the swamps and damming the rivers New Zealand has destroyed coastal fisheries ecosystem food chains and so the current production of our most exportable fisheries produce is next to nothing in comparison to what it was before European colonisation occurred, and what it could now be made to become again.

There are 40 years of background copy letters posted on [www.wetlandsnz.com](http://www.wetlandsnz.com) demonstrating my trying to make this happen since Colin Moyle as Minister of Fisheries had encouraged me with: "I am encouraged by your interest and informed opinions on the subject of New Zealand's fishing industry and invite you to pursue your interest further by continuing to write to myself or any of my Ministry staff".

Maketu Estuary and the Kaituna River catchment do provide an ideal opportunity to be able to demonstrate significant fisheries production increase with potential to expand elsewhere, because of the adult freshwater tuna (eel), kokopu, koaro, galaxius (whitebait) habitats that are provided by the still connected with the ocean Rotorua Lakes.

BOPRC Council have spent a small fortune on repetitive diversion and re-diversion errors and on the professionals who had promoted them and have stopped significant re-diversion progress from happening, while continuing to support the original swamp drain for pasture farming mistake of diverting the Kaituna River away from Maketu Estuary so destroying fisheries ecosystem production. They had drained a swamp, isolated an estuarine galaxius spawning habitat and filled the lower Maketu Estuary with sand, and in doing so had undermined the productivity of both coastal and freshwater fisheries.

I have long known how best to reintroduce Kaituna River flow through Maketu Estuary and I have written about it many times to BOPRC. I have posted some of the letters on [www.wetlandsnz.com](http://www.wetlandsnz.com) under the Background tab, the most recent of which I have attached for your interest.

To reflood all of New Zealand's lowlands would significantly reduce dairy production but both industries could be made to exist in tandem. All farm drains could be made into kahikatea-shaded freshwater fisheries adult habitat for tuna (eel), inanga and giant kokopu galaxius (whitebait) and bully (whale feed) while also purifying runoff and treated effluent. All farm drains between Maketu and Te Puke could be made into freshwater fish habitat in connection with Maketu Estuary maritime marsh galaxius spawning habitat and local fisheries production could be made to explode into increases as a result.

Galaxius would spawn annually where fresh water meets salt water on spring tides. Tuna (eel) spawn near Tonga and the combined spawn would in turn fill the ocean on the coastline with glass eels and whitebait which would feed sprats (yellow eyed mullet), pilchards, herrings, and the juveniles of the commercial fish species as had used to occur naturally before drainage and dams.

Oestrogen-mimicking glyphosate and hi-cane that farmers, foresters, orchardists, councils, Transit NZ, railways and most everyone else is currently spraying into the environment, and so into waterways and so into the ocean, is further undermining fisheries production by undermining reproduction of numbers of healthy offspring:

Ref: **Our Stolen Future**  
**Are we threatening our Fertility, Intelligence and Survival**

## **A Scientific Discovery Story**

Theo Colborn, Dianne Dumanoski & John Peterson Myers

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Synthetically produced nitrogen that is currently being used to boost dairy farm pasture production as well as in other applications, and that is polluting ground water and causing sickness and disease amongst humans who are drinking it, and that will inevitably be doing same to this countries entire coastal fisheries ecosystem species, could be replaced with O3 currently produced by Design Engineer Roger Cherry 021 494 036 and with Fulvic Acid currently produced by John Thomas 0210 750 253. Both products significantly increase plant growth without polluting the environment.

I invite your coalition government's support for my recommendations please.

Kindest Regards

Don Paterson

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