

Ecological Genetics

Reading the poetry of life

Presented by Dr Andrew Veale

Since completing his PhD at the University of Auckland, which focused on using genetics to inform stoat eradication efforts, Dr Andrew Veale has fallen into the world of ecological genomics, often applying this knowledge to conservation management programmes.

In studies of the ecological genomics of sockeye salmon in Canada, Dr Veale used genomic libraries to describe markers linked to ecological adaptation and life-history traits, then used these markers to assist with reintroduction planning and fisheries management.

He has applied genotyping arrays developed for the biomedical sector to evolutionary questions of the mouse introduction and hybridization in New Zealand. He has also been assessing the genomic bases for wing-reduction in New Zealand alpine stoneflies. In this talk, Dr Veale will describe the questions that can now be asked using these genomic techniques, and he will also share some of the exciting results from these diverse systems.

**ENVIRONMENT AND ANIMAL SCIENCES
SEMINAR SERIES**

Monday 30 October 2017

Room: 115: 1028

TIME: 1.00 PM – 1.50 PM

Nau mai haere mai!

