
EDUCATION

BACHELOR OF SCIENCE IN CONSERVATION BIOLOGY

University of British Columbia, Vancouver, British Columbia

EXPERIENCE

MARLIM ECOLOGICAL CONSULTING LTD.

FISHERIES BIOLOGIST / TECHNICIAN

(March 2007 – Current)

- ◆ *Riparian and Wetland Planting* – planted 1800 native trees and shrubs at a remediated stream site.

J.O. THOMAS & ASSOCIATES, VALIDATOR

(March 2007)

- ◆ *Validation of Roe Herring Fishery* – validated herring catches at various fish processing plants around the lower mainland.

DEPARTMENT OF FISHERIES AND OCEANS,

BIOLOGIST'S ASSISTANT

(August 2006 – October 2006)

- ◆ *Fish Sampling* – fish and cyprinid population data was collected using trap and gill nets on approximately 9 lakes at the Experimental Lakes Area research station. The data was used to determine population structures of fish populations in lakes previously contaminated with things such as heavy metals to estrogen.

UNIVERSITY OF BRITISH COLUMBIA

(September 2002 – May 2006)

- ◆ *Plant Composition Survey* – recorded and reported on the plant makeup of edge-situated (roadside) vegetation versus the vegetation makeup of more undisturbed sites.
- ◆ *Insect Collecting* – collected and identified a wide variety of insects

- ◆ *Periwinkle Distribution* – conducted a survey of the intertidal zone looking at the vertical distribution of periwinkle snails.
- ◆ *Mathematical Modelling* – Modeled various ecological scenarios using field data on such topics as the cod fishery collapse and the annual harp seal cull. Analyzed that data using Excel and Ecopath with Ecosim.
- ◆ *Computer Analysis* – used various programs for different ecology related projects including GIS software, JMP for statistical uses, Excel, and Ecopath with Ecosim
- ◆ *Reports* – gathered, analyzed, and organized raw field data to put together numerous reports on a wide variety of topics.

CERTIFICATION & MEMBERSHIP

- ◆ WCB- Occupational First Aid - level one 2007
- ◆ WCB- Transportation Endorsement 2007
- ◆ Electrofishing Certification 2007
- ◆ Padi Open Water Diver 2001
- ◆ Pleasure Craft Operator Card 1999