

Michael H.H. Price, MSc. candidate

Smithers, BC,

## **POSITION**

Conservation biologist  
Raincoast Conservation Foundation

## **RESEARCH**

- Marine host-parasite systems
- Fisheries ecology
- Predator foraging ecology

## **EDUCATION**

- MSc. Candidate, University of Victoria, Department of Biology
- BSc. Biology (honours), University of Victoria (2003)

## **EMPLOYMENT**

- Raincoast Conservation Foundation, Sidney, BC (June 2006 -)  
Conservation Biologist, Wild Salmon Program - Project manager of juvenile salmon ecology program, principal investigator of marine host-parasite systems, and science advisor to Heiltsuk Nation.
- University of Victoria, Victoria, BC (September - April 2005/06)  
Laboratory Instructor - Lab-based seminars guided students through the process of data collection, analyses, and results interpretation.
- Center for Conservation Biology, University of Washington  
(April – September 2001; August - October 2004)  
Wildlife Tracker - Searched and recorded sign of terrestrial predators and endangered species of multiple countries using trained canine for population census and foraging studies.
- East Slopes Grizzly Bear Study, Hinton, Alberta  
(May - September 2002-2004)  
Crew Leader – Grizzly Bear DNA census research and foraging ecology investigations.

## **COMMUNICATION**

## Popular Media

- News articles covering host-parasite and fisheries research in local, national, and international press (Victoria Times Colonist, Vancouver Sun, Globe and Mail, CBC, Conservation magazine).
- Radio appearances on CBC, CFAX, and CKNW.

## BSc. Dissertation

**Price, M.H.H.** 2003. Foraging ecology of wolves in British Columbia's coastal archipelago: biogeography of predation. BSc. Dissertation. Department of Biological Sciences, University of Victoria. 52 pages.

## Journal Articles

10. **Price, M.H.H.**, Glickman, B., and Reynolds, J.D. *In preparation*. Zooplankton dynamics and prey selectivity of Fraser River sockeye salmon (*Oncorhynchus nerka*) during their early marine migration in British Columbia.
9. **Price, M.H.H.**, Morton, A., Eriksson, J.G., and Volpe, J.P. *In review*. Fish processing facilities: new challenge to marine biosecurity. Journal of Fish Diseases.
8. **Price, M.H.H.**, Proboszcz, S., Routledge, R.D., Gottesfeld, A.S., Orr, C., and Reynolds, J.D. 2011. Sea louse infection of juvenile sockeye salmon (*Oncorhynchus nerka*) during migration past marine salmon farms on Canada's west coast. Public Library of Science One 6: e16851.
7. Darimont, C.T., Bryan, H.M., Carlson, S.M., Hocking, M.D., MacDuffee, M., Paquet, P.C., **Price, M.H.H.**, Reimchen, T.E., Reynolds, J.D., and Wilmers, C.C. 2010. Salmon for terrestrial protected areas. Conservation Letters 3: 379-389.
6. **Price, M.H.H.**, Morton, A., and Reynolds, J.D. 2010. Evidence of farm-induced parasite infestations on wild juvenile salmon in multiple regions of coastal British Columbia, Canada. Canadian Journal of Fisheries and Aquatic Sciences 67: 1925-1932.
5. **Price, M.H.H.**, Darimont, C.T., Temple, N.N., and MacDuffee, S.M. 2008. Ghost runs: management and status assessment of Pacific salmon returning to BC's central and north coasts. Canadian Journal of Fisheries and Aquatic Sciences 65: 2712-2718.

4. **Price, M.H.H.**, and Aries, C.E. 2007. A river otter's (*Lontra canadensis*) capture of a double-crested cormorant (*Phalacrocorax auritus*) in British Columbia's Gulf Island waters. *Canadian Field-Naturalist* 121: 325-326.
3. Munro, R.H.M., Neilsen, S.E., **Price, M.H.H.**, Stenhouse, G.B., and Boyce, M.S. 2006. Seasonal and diel patterns of grizzly bear diet and activity in west-central Alberta. *Journal of Mammalogy* 87: 1112-1121.
2. **Price, M.H.H.**, Darimont, C.T., Winchester, N.N., and Paquet, P.C. 2005. Facts from faeces: prey remains in wolf faeces revise occurrence records for mammals of British Columbia's coastal archipelago. *Canadian Field-Naturalist* 119: 192-196.
1. Darimont, C.T., **Price, M.H.H.**, Winchester, N.N., Gordon-Walker, J., and Paquet, P.C. 2004. Predators in natural fragments: foraging ecology of wolves in British Columbia's central and north coast archipelago. *Journal of Biogeography* 31: 1-11.

#### **Conference and Community Presentations**

9. Evidence of farm-induced parasite infestations on wild juvenile salmon in multiple regions of coastal British Columbia, Canada. University of Victoria graduate symposium, Victoria, BC – November 2010
8. Parasite infection of juvenile sockeye. 8<sup>th</sup> International Sea Lice Conference, Victoria, BC – May 2010.
7. Fraser River sockeye early marine ecology. Speaking for the salmon: summit on Fraser River sockeye salmon, Vancouver, BC – March 2010.
6. Wild salmon and salmon farms: room for co-existence? Heiltsuk Nation Chiefs and Council Science Advisory, Bella Bella, BC – May 2009.
5. Out-group analyses of sea lice infections: studies from the central coast – year 2. Pacific Salmon Forum Researchers Conference, Vancouver, BC – November 2008.
4. Aquaculture's potential for sustainability. Public Interest Environmental Law Conference, University of Oregon, Eugene, Oregon – March 2008.
3. Out-group analyses of sea lice infections: studies from the central coast. Pacific Salmon Forum Researchers Conference, Vancouver, BC – November 2007.
2. Evidence of association: farming and lice infestations. University of Victoria Environmental Law Conference, Victoria, BC – March 2007.
1. Ecological disturbance due to fin-fish aquaculture. Special Committee on Sustainable Aquaculture of the BC Legislative Assembly, Victoria, BC – October 2006.

#### **Official Manuscript Reviews**

Anonymous authors. 2011. Ichthyofauna diversity and relative abundance in Ogbomoso reservoir, Oyo State, Nigeria. *African Journal of Agriculture Research*.

Bromaghin, J., Gates, K., and Palmer, D. 2010. A likelihood framework for joint estimation of salmon abundance and migratory timing using telemetric mark-recapture. North American Journal of Fisheries Management.

## REFERENCES

- Dr. John Reynolds: Leadership Chair in Salmon Conservation, Department of Biology, Simon Fraser University.  
TEL: (778) 782-5636 – Email: reynolds@sfu.ca
- Dr. Chris Darimont, Conservation Scientist, Raincoast Conservation Foundation.  
TEL: (250) 658-9105 – Email: darimont@ucsc.edu
- Dr. Barry Glickman, Graduate Supervisor, Department of Biology, University of Victoria.  
TEL: (250) 896-6363 – Email: darwin@uvic.ca