
SELECTED PUBLICATIONS & PRESENTATIONS — ELLEN SIMMONS, BSc, FIT

[2009.] Simmons, E. 2009. Pine beetles and wildlife trees in the South Okanagan: Workshop evaluation and backgrounder. FORREX, Kamloops, BC. Project Report. In press.

SELECTED PROJECTS

2008–2009. Instructed an introductory biology course that also offers an Indigenous or native science view of the various disciplines of biology. Course content includes an introduction to biology from a western science perspective as well as broaching other topics that included; ecology and forestry, cross-cultural conflicts in land use planning, Intellectual Property Rights, and Traditional Ecological Knowledge. With En'owkin Centre, Penticton, BC.

November 2007–June 2008. Implemented and aided in the development of an outreach strategy for the emerging pine beetle issue within the boundaries of the Regional District of the South Okanagan Similkameen. The scope of the pilot project was to establish a multi-agency group that could formulate a united and co-ordinated response to the emerging pine beetle issue. Further tasks included: the development of a series of pine beetle workshops/forums specific to this region; presentations and educations to various schools and post-secondary institutions; and ongoing questionnaires/interviews with various community members to determine the priorities and concerns particular to this region. With Ministry of Environment/Council of Forest Industries Penticton, BC.

April 2007–September 2007. Initiated and monitored contracts in areas of mountain pine beetle management and impact mitigation in order to protect the ecological values. Work involved communication with the community, industry, and other parties in the region regarding the management strategies of mountain pine beetle-killed timber. With Ministry of Environment – Environmental Stewardship, Penticton, BC.

2006. Established plots for research into the comparison of success of mountain pine beetle attacks on older trees using nitrogen fertilization. Work included timber cruising, tree tallies, numbering, and tree evaluation. With University of British Columbia & Southern Interior Forest Region, BC.

1996–2001. Various contracts.

- Contributed to Research Report published by Canada Mortgage and Housing Corporation (CMHC) entitled “Northern landscaping: A guide to restoring the plants and soil in northern communities.” ftp://ftp.cmhc-schl.gc.ca/chic-ccd/h/Research_Reports-rapports_de_recherche/eng_unilingual/Northern%20landscaping.pdf
 - Developed a firebreak restoration plan around the town of Norman Wells. Plan included revegetation of areas to native deciduous species and erosion control. Work involved seed and root collections, tree planting and seeding, native crew supervision, vegetation surveys, and the establishment of permanent sample plots.
 - Conducted statistical analysis, summary and the writing of technical reports for big game harvesting (Woodland Caribou, Dall's sheep, moose, mountain goat, and bear) in the Mackenzie Mountains.
 - Created herbariums for the Sahtu region (135,000 km²). Collection and organization of ~250 plant species, and the research into the traditional and medicinal values of indigenous plants. A portion of the work was done with a healer and medicine woman of the Dene Nation.
 - Undertook research, mapping, and writing of technical reports for the Sahtu Land Use Plan. Reports included contaminated sites as a result of mining activities and the potential for commercial forestry in the north.
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