

**Habitat Suitability Mapping and Field Verification for Northern Goshawk
(Accipiter gentiles laingi) in Gwaii Haanas National Park Reserve, British Columbia**

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The Northern Goshawk laingi subspecies (Accipiter gentiles laingi) is COSEWIC listed as Threatened. Available forage and nesting habitat within Gwaii Haanas National Park Reserve, British Columbia was identified using a GIS model. The model was then ground-truthed to confirm habitat structure and composition, relative prey abundance, and Goshawk presence. Since Gwaii Haanas is over 1,400 km² and the species is somewhat cryptic, the development of a suitability model was important in focusing detection efforts as well as understanding habitat availability and constraints. The project is considered complimentary to regional land use planning and fundamental for developing conservation actions for this species.