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Marbled Murrelet Nesting Habitat Suitability Model for the British Columbia Coast

Monica Mather¹, Trudy Chatwin², Jenna Cragg³, Linda Sinclair⁴, and Douglas F. Bertram⁵

Abstract

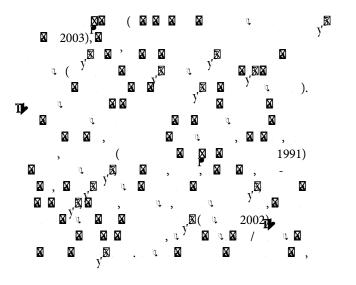
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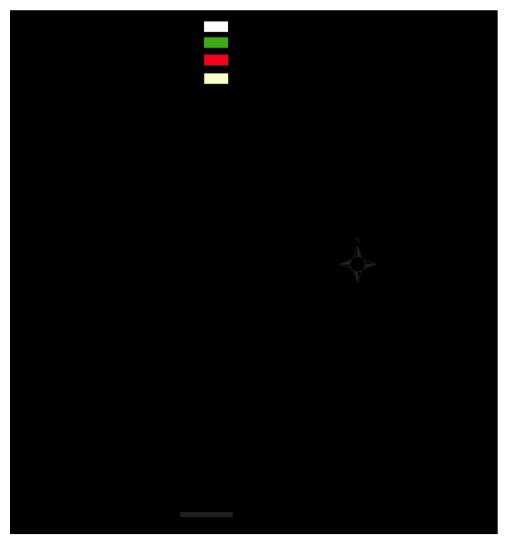
Methods

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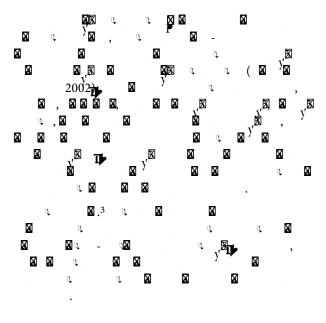
Habitat algorithm used to predict 2002 nesting habitat for most of the British Columbia coast

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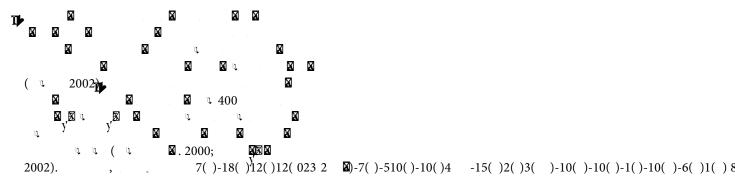




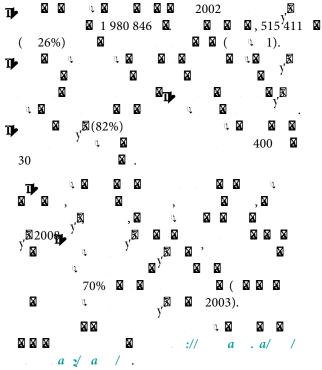
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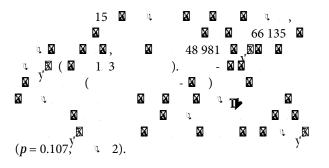
Additional geographic data



Results



Testing the model: Comparing predicted amounts of habitat from the BC Model algorithm and aerial surveys



Discussion

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MARBLED MURRELET NESTING HABITAT

MATHER, CHATWIN, CRAGG,

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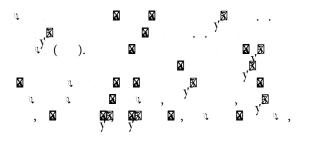
- To evaluate and track various forest conservation X X y y₁ X X ų X X X X X X X У ų, ų X X 8 X X Ŕ 30 ⊠. 400
- To evaluate habitat loss from the 2002 baseline by • y 🕅 XX XX դ.- y X X X R X X . X X X X X υX X X X X X X XX U X X
- To evaluate Marbled Murrelet nesting habitat ٠ X X X X Χ.

Conclusion

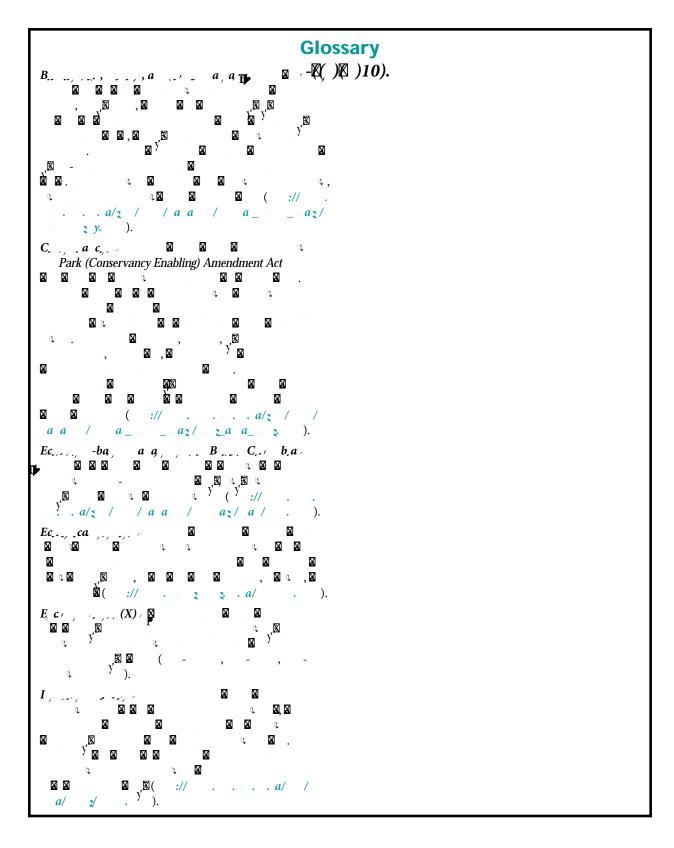
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