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J

of habitat

Amount



Landscape fragmentation and its effects on biodiversity: The case of boreal bryophytes

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EXPECTED RESULTS

To provide information about how landscape configuration could help to keep the biodiversity and quality of the forest.

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To know thresholds of disturbances for a sustainable forest management in Quebec.

Diversity

Habitat fragmentation and landscape heterogeneity

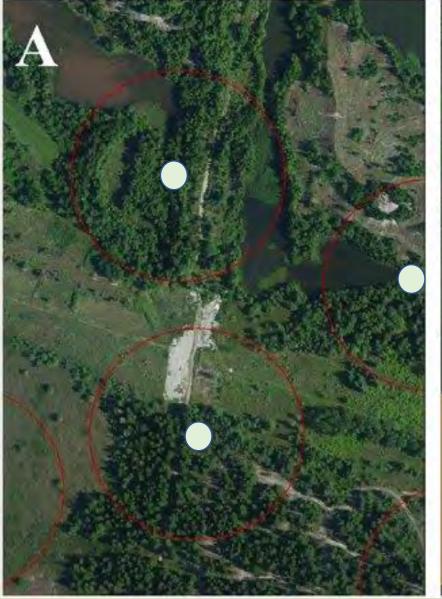


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134 Target stands Landscapes







Conditions gradient in the landscapes stands

Tree species composition



BACKGROUND

Bryophyte diversity



One of the principal biological components of the boreal forest.

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Bry

Susceptibility to environmental changes.

METHODS

Scale appropriate for ecosystem management and bryophyte species dispersal.

20 km

Patches size and geometry

Disturbance type

Questions

Does the amount of habitat in the landscape affect bryophyte diversity at the stand level?

How does the landscape configuration features influence diversity patterns and community assembly?

Response variables

Number of stands

134