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Van Brunt's Jacob's-ladder

Threatened in Quebec

Polemonium vanbruntiae

40 to 140 cm



CHARACTERISTICS

- Alternate leaves with 7 to 21 leaflets.
- Blue-violet bell-shaped flowers.
- Erect, robust, hairless stem.



ALL SEASON



LATE JUNE-JULY



AUGUST

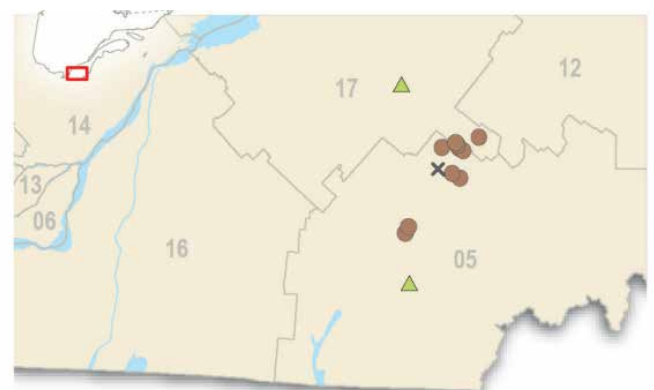
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HABITAT

- Alder groves, wet meadows, swamps, wet clearings.
- Coniferous or mixed forests.
- Open to semi-open areas.

DISTRIBUTION IN QUEBEC



OCCURRENCE

- RECENT
- ▲ HISTORICAL
- ✕ EXTIRPATED

Source: CDPNG



THREATS

- Agricultural activities (drainage alteration).
- Forest roads and canopy closure.
- Low genetic variability, which reduces its ability to adapt.
- Residential and country cottage development.
- ATV traffic.





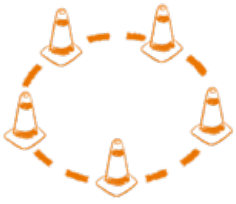
SENSITIVITY OF SPECIES TO DISTURBANCES

Tolerant of high sunlight and favors partial opening of the forest canopy.

Intolerant to drought.

Can regenerate after above-ground damage due to underground buds.

ADAPT PRACTICES BASED ON SPECIES SENSITIVITY



- Identify the occupied zone, which corresponds to where the plants are located, and a buffer zone of 40 meters. Specific guidelines apply to each zone.
- If the exact plant location cannot be established, apply the guidelines for the occupied zone to the entire forest stand.

AT ALL TIMES IN THE OCCUPIED AND 40-METER BUFFER ZONES

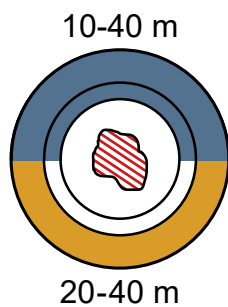


Prevent changes to drainage and the formation of ruts by scheduling work when ground has its highest load-bearing capacity, such as during dry periods or when the ground is frozen.

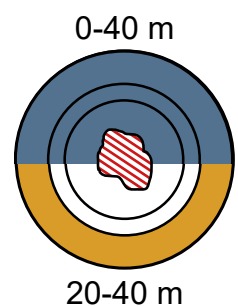


No new road construction.

SEASONAL CONSIDERATIONS IN THE 40-METER BUFFER ZONE



Minimize skidding trails.



Tree harvesting allowed. Benefits from openings.



Occupied zone

Winter

Summer

Illustrations : Sophie-Anne Vachon and Émilie Dumais

For references and to learn more, please visit: foretrivee.ca/biodiversite



Produced by



CONSERVATION DE LA NATURE CANADA

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Ce projet a été réalisé avec l'appui financier de :
This project was undertaken with the financial support of:



Environnement et Changement climatique Canada

Environment and Climate Change Canada



Fondation de la faune du Québec

Québec