



© Pierre Petitclerc

Wild leek

Allium tricoccum

Vulnerable in Quebec

5-20 cm



CHARACTERISTICS

- Strong garlic smell.
- Plants grouped into colonies.
- Leaves emerge as soon as the snow melts and die in early June. Only the flower stem remains visible during the summer.



APRIL-MAY



JULY



© Pierre Petitclerc

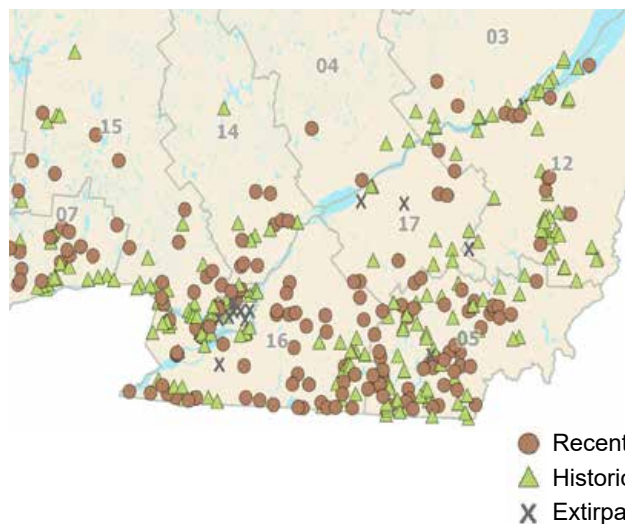
SEPTEMBER



HABITAT

- Mid-slope maple stands, lower slopes and stream edges, in moist, well-drained to moderately well-drained soils, or in areas rich in mineral elements.
- Frequently associated with white ash, yellow trout-lily or red trillium.

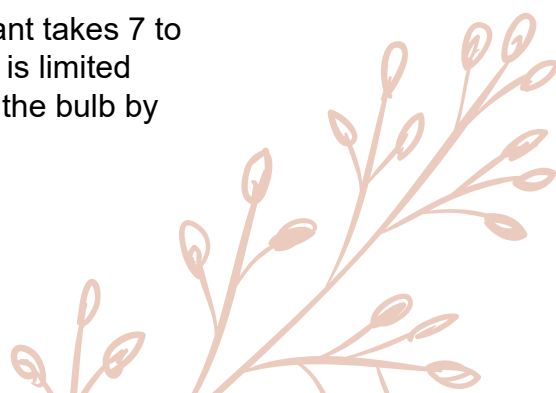
DISTRIBUTION IN QUEBEC



Source: CDPNQ

THREATS

- Habitat loss.
- Intensive harvesting of its bulbs, as the plant takes 7 to 10 years to reproduce. Legally, harvesting is limited to 50 bulbs per person per year. Preserve the bulb by harvesting leaves instead.





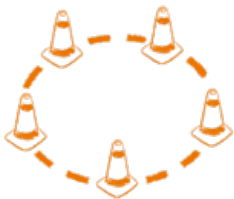
SENSITIVITY OF SPECIES TO DISTURBANCES

Does not tolerate heat or dry conditions associated with prolonged exposure.

Does not tolerate high levels of moisture or extreme dryness.



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 in each zone.
- If the exact plant location cannot be established, apply guidelines for the occupied zone to the entire forest stand.

AT ALL TIMES IN THE OCCUPIED AND THE 40 M BUFFER ZONES:



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

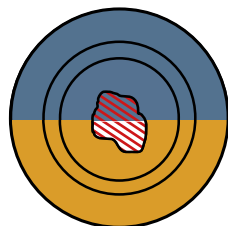


No new road construction.

SEASONAL CONSIDERATIONS IN THE OCCUPIED AND THE 40 M BUFFER ZONES:



Occupied
0-40 m

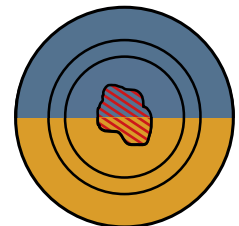


0-40 m

Minimize skid trails and logging residues within the occupied zone.



Occupied
0-40 m



Occupied
0-40 m

Partial tree harvesting (35%). Avoid harvesting from April to May while plants are visible.

Winter

Summer



Occupied zone

Illustrations : Sophie-Anne Vachon and Émilie Dumais

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



Produced
by



CONSERVATION
DE LA NATURE
CANADA

and



In cooperation with Andrée Nault,
Scientific advisor, Montreal Biodôme

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

