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Butternut

Junglans cinerea

Likely to be designated as threatened or vulnerable in Quebec –
Threatened in Canada

20-25 m



CHARACTERISTICS



- Does not tolerate shade.
- Large and irregular crown, rounded at the top.
- Smooth pale grey bark covered with flat, crisscrossing ridges.
- Alternate leaves, with 11 to 17 leaflets.
- The fruit is a large nut containing a single kernel.
- It produces nuts only from the age of 20.



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ALL SEASON



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APRIL TO JUNE



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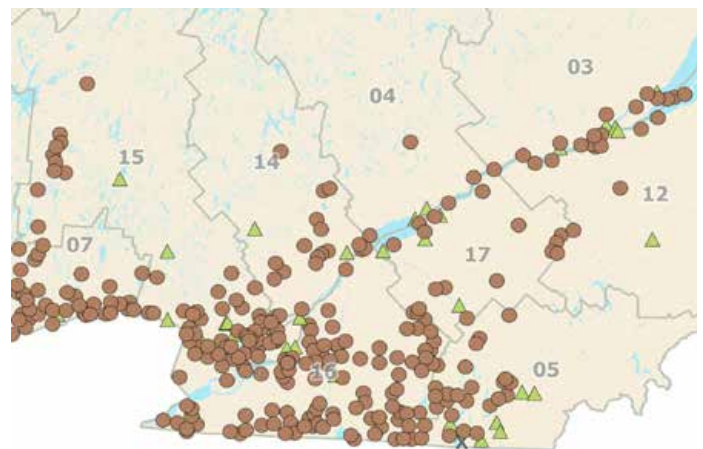
AUGUST-SEPTEMBER

HABITAT



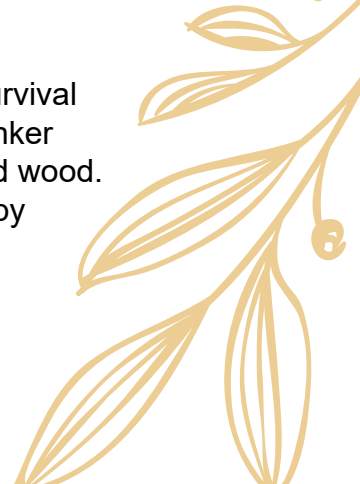
- Maple stands on rich and well-drained sites of lower valley slopes along major rivers.

DISTRIBUTION IN QUEBEC



Source: CDPNQ





THREATS



- Butternut canker is a virulent exotic fungus that threatens the survival of affected individuals. A black, ink-like fluid exudes from the canker cracks in spring. The canker can survive up to two years in dead wood.
- Butternut trees often show crown dieback when the forest canopy becomes too dense.

SENSITIVITY OF SPECIES TO DISTURBANCES

Full-light species.


Does not tolerate excessive drought.

Mature individuals are not subject to mechanical damage due to their buds carried high above the ground (unless cut).


MANAGING YOUR FOREST WHILE PROTECTING THIS SPECIES



Adopt harvesting practices that minimize tree injuries.




Harvest infected trees quickly. If possible, destroy the infected sections by burning or burying.



Retain canker-resistant walnut trees:

- with no cankers on the trunk and more than 50% of live crown;
- with cankers on less than 25% of the trunk circumference and at least 80% live crown.



Create small openings around the preserved butternut trees to allow more light to reach their foliage and stimulate regeneration.

Illustrations : Sophie-Anne Vachon and Émilie Dumais

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



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