

Forest Inventory: Mont Mégantic and Mont Saint Bruno

Species	Common Name	# Individuals Sampled	Site Observed
<i>Abies balsamea</i> (L.) Mill.	Balsam Fir	1683	MMG, MSB
<i>Acer pensilvanicum</i> L.	Striped Maple	41	MMG, MSB
<i>Acer rubrum</i> L.	Red Maple	71	MMG, MSB
<i>Acer saccharum</i> Marshall	Sugar Maple	936	MMG, MSB
<i>Acer spicatum</i> Lam.	Mountain Maple	2	MMG
<i>Alnus incana</i> (L.) Moench	Grey Alder	10	MMG
<i>Betula alleghaniensis</i> Britt.	Yellow Birch	306	MMG, MSB
<i>Betula papyrifera</i> Marshall	Paper Birch	519	MMG, MSB
<i>Betula populifolia</i> Marshall	Grey Birch	113	MMG, MSB
<i>Carya cordiformis</i> (Wangenh.) K. Koch	Bitternut Hickory	10	MSB
<i>Fagus grandifolia</i> Ehrh.	American Beech	111	MMG, MSB
<i>Fraxinus americana</i> L.	White Ash	30	MMG, MSB
<i>Fraxinus nigra</i> Marshall	Black Ash	25	MMG, MSB
<i>Larix laricina</i> (Du Roi) K. Koch	Tamarack	1	MSB
<i>Ostrya virginiana</i> (Miller) K. Koch	American Hop-hornbeam	45	MMG, MSB
<i>Picea abies</i> (L.) H. Karst. ¹	Norway Spruce	2	MMG
<i>Picea glauca</i> (Moench) Voss	White Spruce	7	MMG
<i>Picea rubens</i> Sarg.	Red Spruce	388	MMG
<i>Pinus strobus</i> L.	White Pine	17	MSB
<i>Populus balsamifera</i> L.	Balsam Poplar	12	MMG
<i>Populus grandidentata</i> Michaux	Big-tooth Aspen	2	MMG, MSB
<i>Populus tremuloides</i> Michx.	Trembling Aspen	24	MMG, MSB
<i>Prunus pensylvanica</i> L.f.	Pin Cherry	2	MMG
<i>Prunus serotina</i> Ehrh.	Black Cherry	15	MMG
<i>Quercus rubra</i> L.	Red Oak	57	MSB
<i>Sorbus decora</i> C.K. Schneid ²	Showy Mountain-Ash	19	MMG
<i>Thuja occidentalis</i> L.	Eastern White Cedar	30	MMG
<i>Tilia americana</i> L.	American Basswood	8	MSB
<i>Tsuga canadensis</i> (L.) Carrière	Eastern Hemlock	64	MMG, MSB
<i>Ulmus rubra</i> Muhlenberg	Slippery Elm	1	MSB

¹ *Picea abies* is a non-native species originating from Europe, it is considered to have limited invasive capacity in Eastern Canada and individuals observed most likely were intentionally planted (Mottet et al. 2021).

² *Sorbus decora* closely resembles *S. americana* Marshall, which has a similar geographic range, and the two species are commonly confused (Jones 1939). Distinguishing these species is centered on differences in reproductive structures and timing, making correct identification in the field difficult (Hall 1998). Forest inventory surveys conducted across the Mégantic Massif by Marcotte and Grandter (1974) identified individuals as *S. americana*. In a subsequent survey, Hall (1998) observed both species, but most individuals were only identified to the genera. Of the *Sorbus* spp. individuals identified to the species level, *S. decora* was more common (Hall 1998).

References

- Hall, G. (1998) Inventaire floristique du Parc du Mont-Mégantic. Rapport préparé pour le ministère de l'Environnement et de la Faune du Québec Parc de conservation du Mont-Mégantic.
- Jones, G.N. (1939) A synopsis of the North American species of Sorbus. *Journal of the Arnold Arboretum*, **20**: 1-43.
- Marcotte, G., & Grandtner, M.M. (1974) Étude écologique de la végétation forestière du Mont Mégantic. Service de la recherche direction générale des forêts pour le ministère des Terres et Forêts.
- Mottet, M-J., Lambert, M-C., & DeBlois, J. (2021) Natural regeneration of Norway spruce, an introduced species, in and around plantations in Québec, Canada. *Forest Ecology and Management*, **498**: 119553.