

Excursion 4

MATTAWA – TÉMISCAMINGUE: Northern hardwood forests

This excursion covers more territory than the three others. Participants will be leaving Rouyn Tuesday following the afternoon conference sessions and returning late Wednesday evening, so they will have to bring the basic necessities (toilet kit, change of clothes). The trip from Rouyn to the Canada Ecology Centre is about 3 ½ hours straight south and covers a variety of landscapes from boreal to tolerant hardwoods, through rolling agricultural land to sparsely inhabited forests. You will be staying in the Canada Ecology Center (<http://www.canadianecology.ca/>), located in the Samuel de Champlain Provincial Park, west of Mattawa (Ontario). Lodging is in charming, modern cabins (double or triple occupancy) equipped with high-speed internet. Before heading to bed, you'll have a chance to have refreshments and hear a introductory presentation on the Canada Ecology Centre and Forestry Research Partnership (FRP). Following an early breakfast Wednesday, you will visit two FRP (<http://forestresearch.ca/>) research sites and field trials in the morning. These will include a regeneration trial (NEBIE) that compares a gradient of silvicultural intensities (**N**atural, **E**xtensive, **B**asic, **I**ntensive and **E**lite) in a yellow birch (*Betula alleghaniensis*) stand, and a red oak (*Quercus rubra*) silvicultural trial that includes selection and shelterwood treatments, and natural and artificial regeneration. In the afternoon, we will return to the Témiscamingue region in Quebec to visit several harvesting trials in predominantly tolerant hardwood stands with a variety of stand structures, including single- tree and group selection, modified shelterwood and variations of diameter limit harvesting in stands. We will stop for dinner in Ville-Marie and return to Rouyn in the evening

Note: This excursion will be of particular interest to participants interested in attending the conference Case study session "**Challenges and solutions to uneven-aged silviculture and management in Northern hardwood forests of Témiscamingue, Quebec**", scheduled for Thursday morning.

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