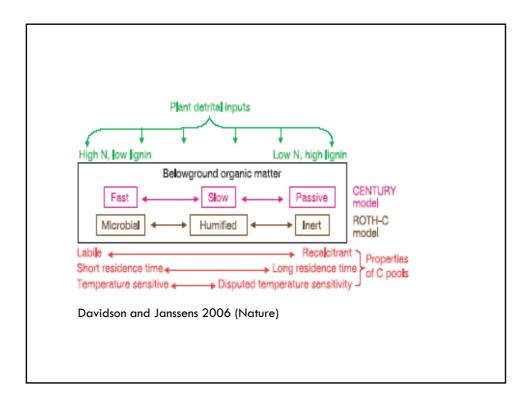
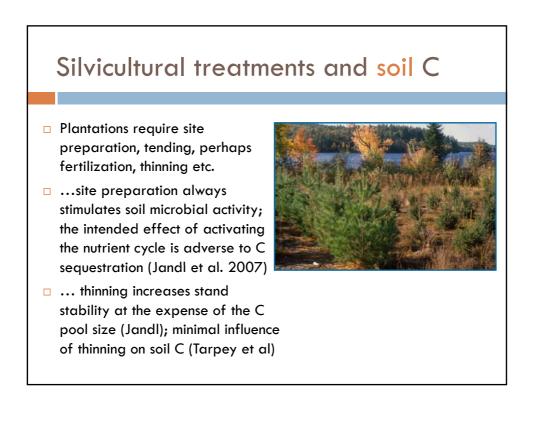


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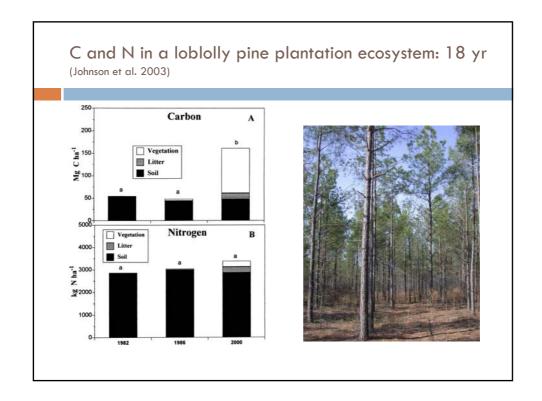


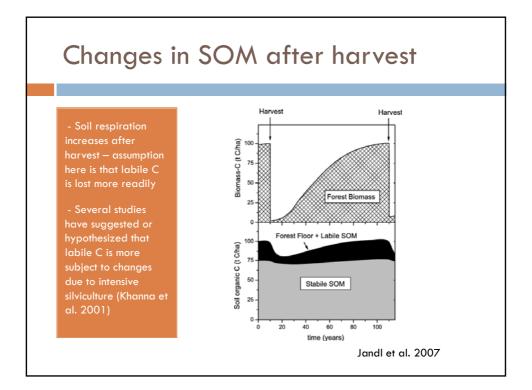


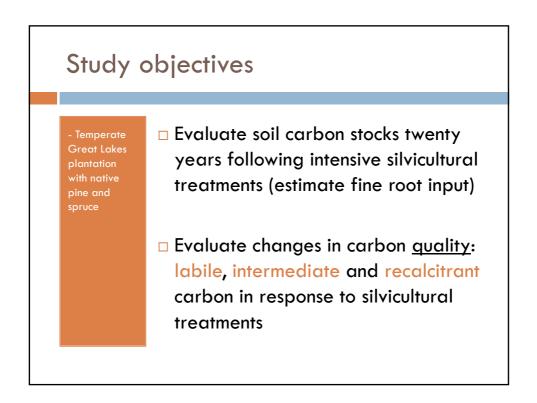
Silvicultural treatments and soil C

- N fertilization affects aboveground biomass; effect on soil C depends on interaction of litter production and carbon use efficiency of microbes; N fertilization leads to emission of GHG from soils
- Species effects on C storage on stable soil pools controversial and so far insufficiently proven (Jandl et al. 2007)



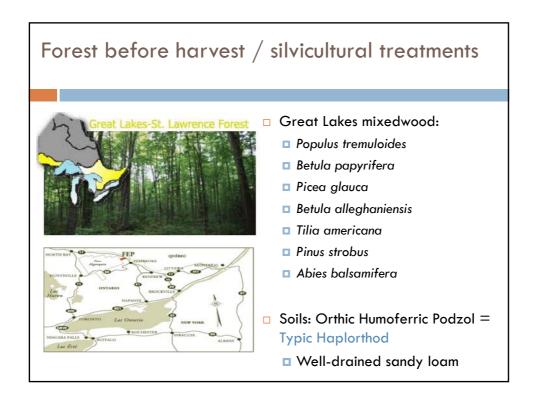


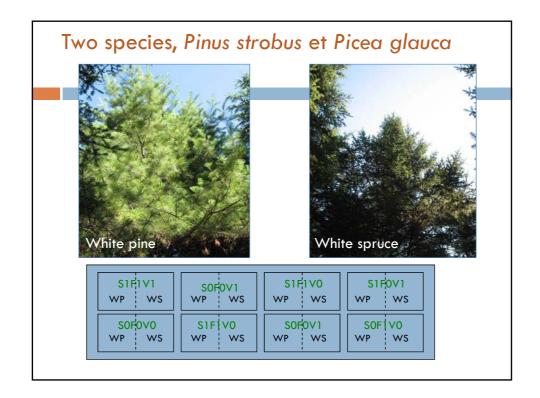


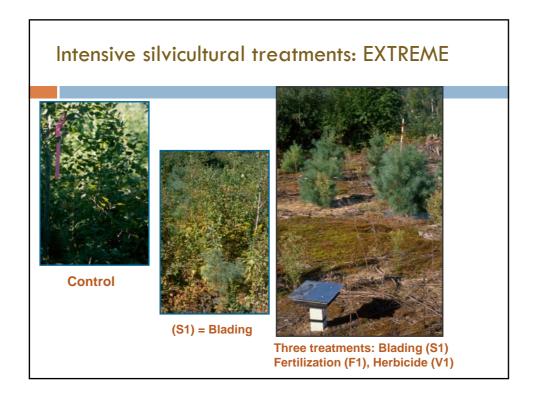


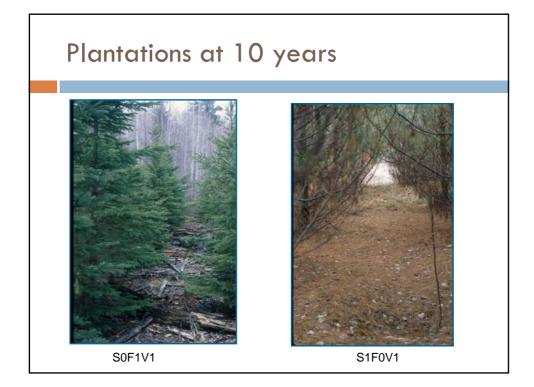
6

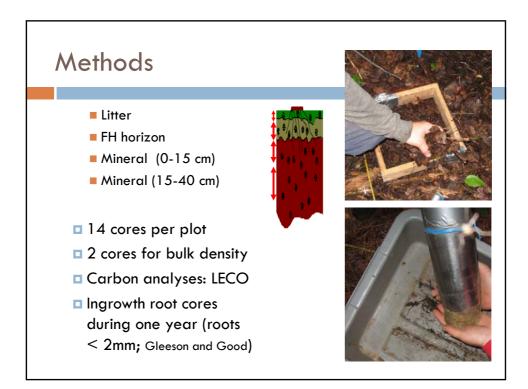


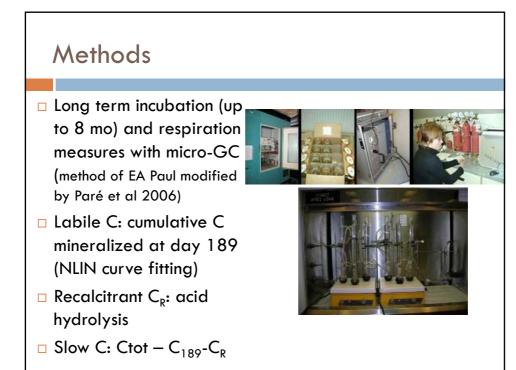


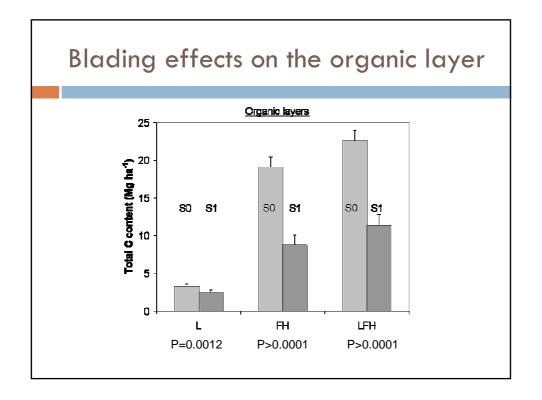


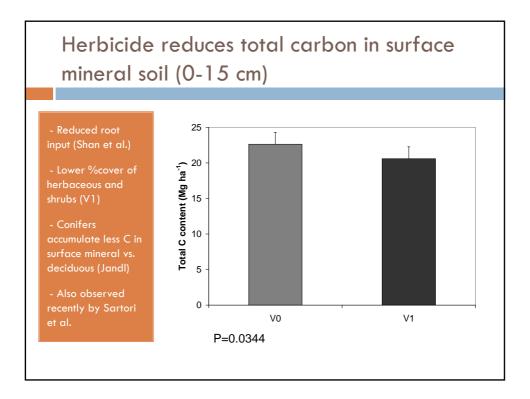


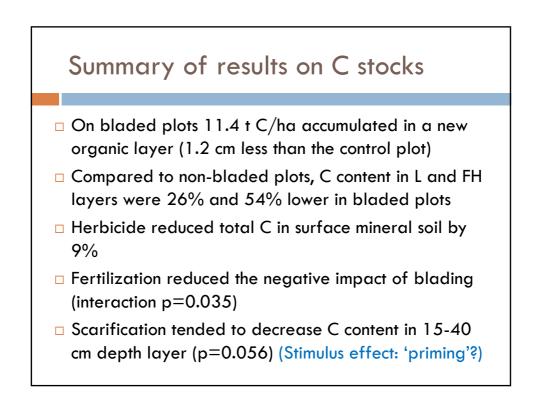


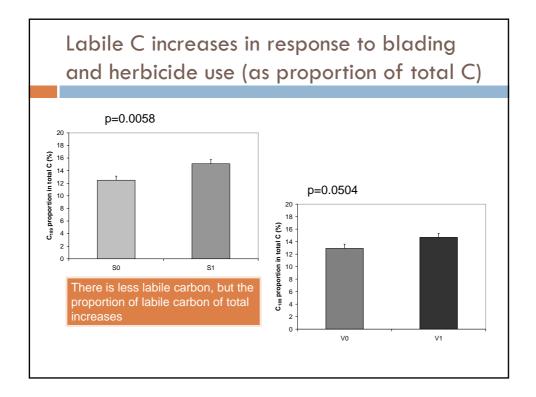


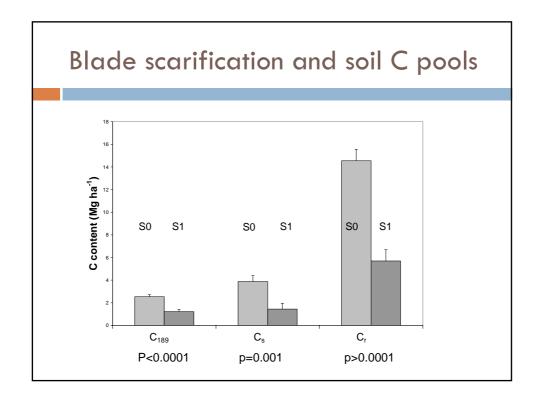




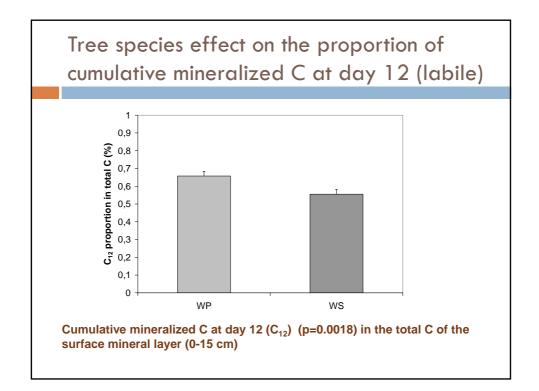




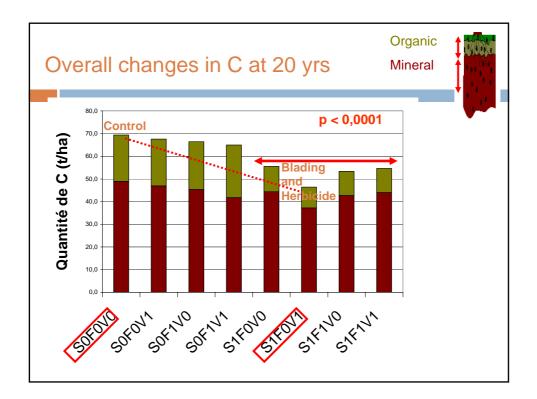


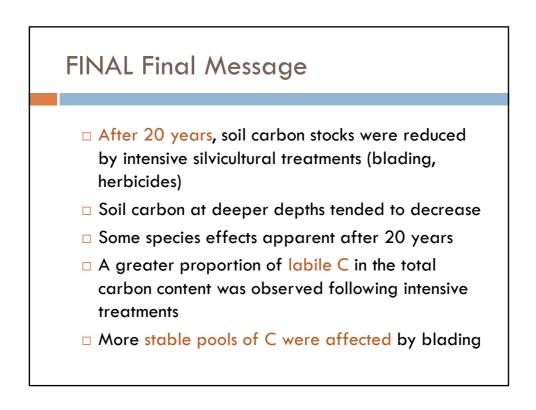


12



Fine root regeneration in the FH and mineral horizons (mg/cm ³ /yr)		
Species	Fine root density in FH	Mineral (0-15 cm)
White pine	1.1 (0.3) α	0.3 (0.1)
White spruce	1.9 (0.8) b	0.3 (0.2)





OHESTIONS?

- Natural Sciences and Engineering Research Council of Canada
- Abitibi-Bowater (fellowship E Maillard)
- Summer students: Eduard Mauri-Ortuno, Annik Grenier, Olivier Roy



