

**Table S3.** Genetic diversity parameters, fixation index and their (SE), and effective population size and their (95% CIs) for four eastern white pine second-growth populations from Quebec based on 12 nuclear microsatellite markers.

Population	Population abbreviation	A	A <sub>E</sub>	H <sub>O</sub>	H <sub>E</sub>	<i>F</i>	N <sub>E</sub> (LD)
Temiscouata	QCTM	10.25 (0.64)	4.81 (0.42)	0.695 (0.056)	0.774 (.020)	0.093 (0.081)	70 (55-95)
Cap Tourmente	QCCT	9.33 (0.79)	4.36 (0.43)	0.620 (0.061)	0.741 (0.029)	0.147 (0.089)	76 (55-115)
Saint Renyold	QCSR	10.25 (1.33)	4.17 (0.69)	0.563 (0.066)	0.697 (0.041)	0.209 (0.070)	147 (88-367)
Saint Stanilis	QCSS	9.83 (1.56)	4.88 (0.98)	0.652 (0.070)	0.692 (0.052)	0.068 (0.063)	142 (89-308)
	Overall mean	9.92 (0.56)	4.56 (0.33)	0.632 (0.031)	0.726 (0.019)	0.129 (0.038)	109 (20.7)

A, number of alleles per locus; A<sub>E</sub>, effective number of alleles per locus; H<sub>O</sub>, observed heterozygosity; H<sub>E</sub>, expected heterozygosity; *F*, fixation index; N<sub>E</sub> (LD), contemporary effective population size based on linkage disequilibrium using allele frequency critical value of 0.03.