

PLUS TREE SELECTION IN BRITISH COLUMBIA

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Gyula K. Kiss

ABSTRACT .--Two plus tree selection programs developed by the Research Division of the British Columbia Forest Service are discussed. The first of the programs developed for coastal Douglas-fir (Pseudotsuga menziesii (Mirb.) Franco) is a strict phenotypic selection program. Untested ramets of plus trees thus selected are established in seed orchards for seed production. The second program developed for interior spruces (white spruce, Picea glauca (Moench) Voss and Engelmann spruce, P. engelmannii Parry) employs a much more relaxed selected standard followed by open pollinated progeny trials. Advantages and disadvantages of both programs are discussed. Evaluation and recommendations are given based on experience gained during execution of the program.

^{1/} Research Division, British Columbia Forest Service,
Prince George, British Columbia.