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PEST REPORT

Pacific Forest Research Centre • 506 West Burnside Rd. • Victoria, B.C. • V8Z 1M5

July 19, 1977.

MOUNTAIN PINE BEETLE ON LODGEPOLE PINE, CARIBOO FOREST DISTRICT

Stanley J. Allen

Extremely heavy mountain pine beetle, *Dendroctonus ponderosae*, attacks occurred throughout the lodgepole pine stands on both sides of One Eye Lake during the 1976 season. The number of newly attacked trees (1976), is greater than the numbers of attacks for 1974 and 1975. Attacks increased from approximately 10 trees per acre in 1975 to as high as 50 trees per acre in 1976. The affected area increased from 400 acres in 1974 and 1975 to nearly 1,600 acres in 1976. Brood development has been successful hence tree mortality from the 1977 attack may be heavier than in 1976.

Mountain pine beetle infestations at Cariboo Lake had moderate brood numbers with potential for an increase in population, while Riske Creek and Dog Creek infestations had low brood survival which will probably result in very few 1977 attacks.