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PACIFIC & YUKON REGION
506 W. BURNSIDE RD.
VICTORIA, B.C. V8Z 1M5 CANADA

PEST REPORT

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

June 29, 1981

SPRUCE BEETLE IN BIG STICK LAKE AREA

(.T.S.A. 15578)

R.J. Andrews

An inspection on T.S.A. 15578 north of Big Stick Lake revealed a moderate infestation of spruce beetle in an area 2 - 3 chains adjacent to the south side of the access road. High populations of mostly pupae were present under the bark of infested trees. A walk-through examination of the stand also revealed heavy blowdown adjacent to the right-of-way and scattered blowdown throughout the sale block. Removal of bark samples from the downed trees uncovered moderate to heavy populations in the older downed trees and moderate to heavy 1981 attack in recently downed trees.

The presence of mostly pupae beneath the bark indicates that a large beetle flight will take place in the spring of 1982. and additional standing trees in the stand will be attacked.

To alleviate the problem, all spruce blowdown, slash greater than 7 inches diameter and standing infested trees should be removed by March 1982. It is also imperative to examine adjacent spruce stands for infested blowdown and to determine if the blowdown is confined to T.S.A. 15578 or is more widespread.