



LIBRARY
PACIFIC FOREST RESEARCH CENTRE
506 WEST BURNSIDE ROAD
VICTORIA B.C.

Canada
PFRC
Pest rept
1972
Oct 24

FOREST INSECT AND DISEASE SURVEY **PEST REPORT**

Pacific Forest Research Centre • Canadian Forestry Service • Victoria

October 24, 1972

LODGEPOLE PINE ATTACKED BY MOUNTAIN PINE BEETLE, DENDROCTONUS PONDEROSAE IN THE KAMLOOPS FOREST DISTRICT, 1972

C. B. Cottrell

About 200 beetle-killed lodgepole pine were noted at the south fork of Whiteman Creek during an aerial survey in August, 1971. By August, 1972 there were an estimated 700 red-topped pine trees. On October 3, 1972 the area was examined on the ground in company with British Columbia Forest Service personnel Messrs. C. Chantler and P. Dean. The reconnaissance revealed that the infestation had greatly increased and east of the old infestation almost all trees were attacked in an area approximately one hundred yards wide and two miles long. Most of the remaining healthy pine trees within the old area of infestation were attacked in 1972.

On September 19, 1972 a cruise of lodgepole pine was run north of Lambly (Bear) Creek and west of Esperon Creek. Of 125 trees examined in 40 prism plots, 1% were attacked in 1970, 9% in 1971 and 44% in 1972. Chiefly the larger diameter pines were attacked.

All 1972-attacked trees in both areas examined contained large broods of mountain pine beetle larvae, therefore a substantial attack in adjacent areas is anticipated in July or August, 1973.