



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

*Canada
PFRC
Pest rept.
1972
June 21*

FOREST INSECT AND DISEASE SURVEY **PEST REPORT**

Pacific Forest Research Centre • Canadian Forestry Service • Victoria

June 21, 1972

DOUGLAS-FIR TUSSOCK MOTH INFESTATIONS IN THE OKANAGAN VALLEY, JUNE,
1972

C. B. Cottrell and D. A. Ross

Increased populations of Douglas-fir tussock moth are expected to cause severe defoliation and some tree mortality in localized areas in the Okanagan Valley. In 1971, small numbers of Douglas-fir (including a few ponderosa pine) were killed in eight areas from Oyama to Kaleden. This year, the most noticeable damage, is in the vicinity of Winfield and on some 100 acres of Douglas-fir near Kilpoola Lake, west of Osoyoos. Small numbers of larvae have been collected near Princeton and Hedley where none was found in 1971.

The Okanagan, Similkameen and South Thompson valleys have a history of periodic outbreaks of this pest. Douglas-fir mortality frequently occurs in residential areas bordering the forest.

Entomologists are conducting an experiment in the control of the pest with an insect pathogen in the Winfield area. Results will be known by late summer.