

PEST REPORT

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

June 1, 1976.

EUROPEAN PINE SHOOT MOTH IN THE KELOWNA AREA

R. J. Andrews and D. A. Ross

In 1975, traps baited with a pheromone (sex attractant) indicated the occurrence of the European pine shoot moth on the Kelowna campus of the Okanagan Regional College. This introduced pest of pine trees was first found in the Okanagan in 1961. Since then eradication measures and regulations preventing the movement of pine from infested coastal areas have generally kept this insect from becoming a problem in the Interior. Because of the occurrence in 1975, an intensive survey of the campus was made in May 1976 by Canadian Forestry Service Ranger R. J. Andrews. Twenty-seven of fifty Scots pine and four of ten Mugho pine were found infested. Most of the affected trees had been planted five to nine years previously. Additional young infested pines were found within a several block radius of the campus.

Spring feeding by the shoot moths is generally completed and some are in the pupal stage. With warm weather adults are likely to fly by mid-June, therefore action to prevent spread from these infested trees should be taken before adults appear. The most effective measure is to immediately cut off and burn the damaged, apparently infested shoots.