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# PEST REPORT

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

October 17, 1984

## Re-examination of Western hemlock near Northwest Bay

### for Colletotrichum acutatum

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Forest Insect and Disease Survey

Western hemlock seedlings at three sites near Northwest Bay were re-examined September 27, 1984. Another small planting scheduled for re-examination was inaccessible this year from a road washout. The sites are those outplanted with western hemlock from seedlots infected by the introduced pathogen Colletotrichum acutatum (Pest Report, February 1982). No evidence of the disease was found.

Three individuals examined western hemlock stock at the sites for one day. All damaged material encountered was brought back for microscopic examination. Relatively little damage of any type was found. Twenty-one samples were collected.

No evidence of C. acutatum was obtained. The damage was caused mainly by late spring frosts, sunscald, or Xenomeris abietis (dieback).

The examinations, conducted Spring and Fall during the three years since outplanting, gave no evidence of survival and spread by C. acutatum. These sites are believed to be unfavourable to this pathogen which thrives in much warmer climates.