

FIDS Report 86-8

**MAPS OF MAJOR FOREST
INSECT INFESTATIONS:
VANCOUVER FOREST REGION
1909-1985**

N. Humphreys



Forest Insect and Disease Survey

Canadian Forestry Service
Pacific Forestry Centre



Government
of Canada

Gouvernement
du Canada

Canadian
Forestry
Service

Service
canadien des
forêts

FIDS Report 86-8

**MAPS OF MAJOR FOREST
INSECT INFESTATIONS:
VANCOUVER FOREST REGION
1909-1985**

N. Humphreys
Forest Insect and Disease Survey

Canadian Forestry Service
Pacific Forestry Centre
506 West Burnside Road
Victoria, B.C., V8Z 1M5

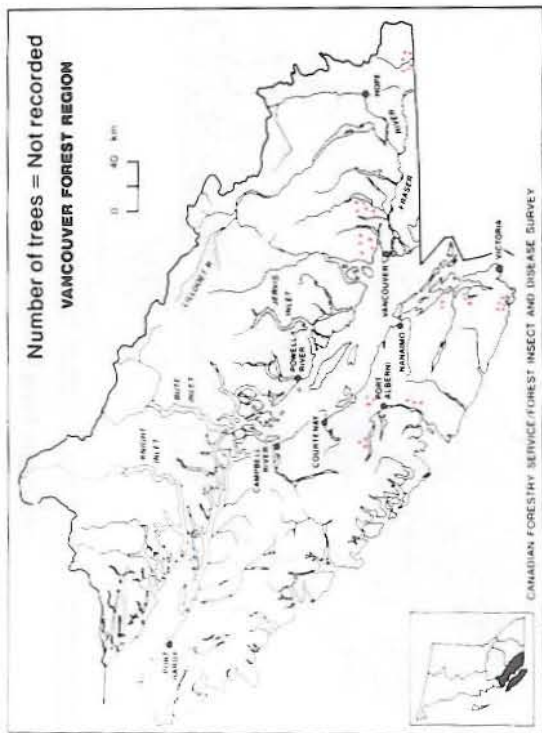
1986

Table of Contents

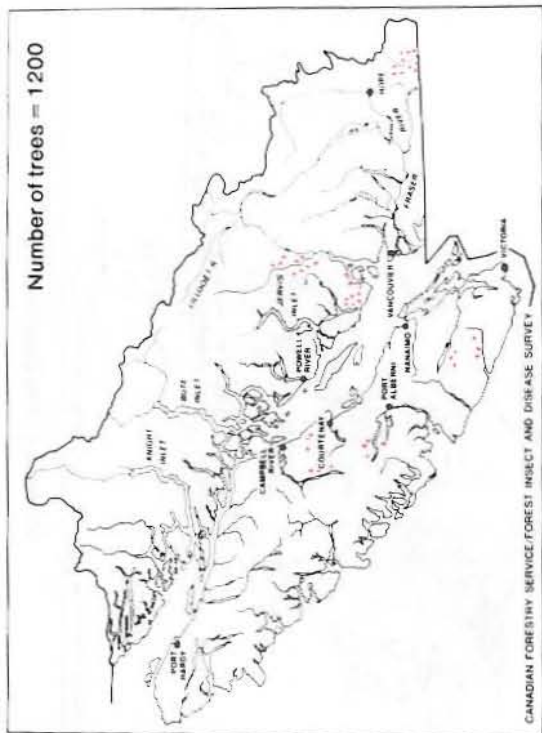
	Page
Mountain pine beetle, <i>Dendroctonus ponderosae</i>	7
Spruce budworms, <i>Choristoneura</i> spp.	14
Blackheaded budworm, <i>Acleris gloverana</i>	20
Balsam woolly aphid, <i>Adelges piceae</i>	23
Western hemlock looper, <i>Lambdina f. lugubrosa</i>	25
Greenstriped forest looper, <i>Melanolophia imitata</i>	26
Douglas-fir tussock moth, <i>Orgyia pseudotsugata</i>	27

Introduction

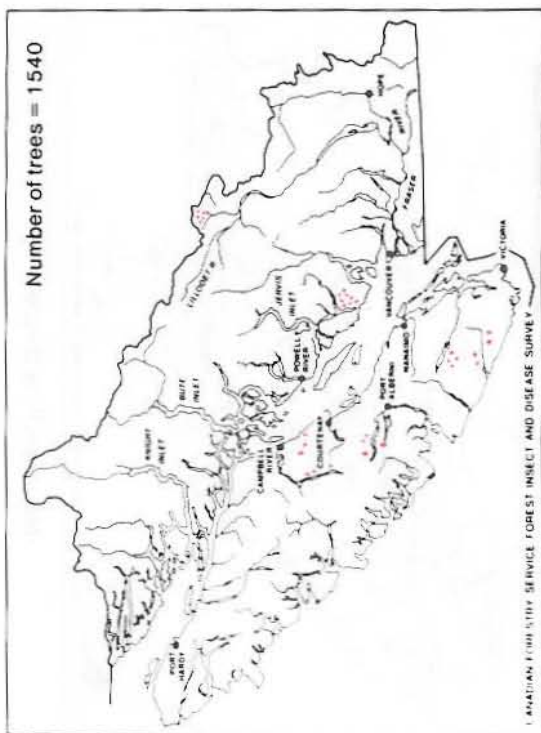
This report complements the earlier published History of Population Fluctuations and Infestations of Important Forest Insects in the Vancouver Forest Region. The maps are based on aerially visible damage as recorded in the Forest Insect and Disease Survey annual reports. Areas of infestations and numbers of dead trees are not available for some of the pre-1960 outbreaks and are noted as not being reported. No area figures have been given to the *Adelges piceae* infestations as the Maps for these outbreaks designate the distribution of the aphid, not the area of damage.



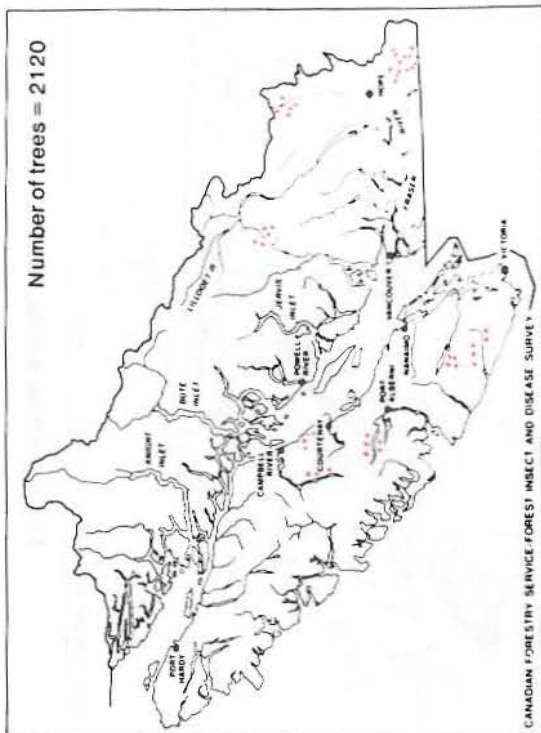
Mountain Pine Beetle, 1946-59



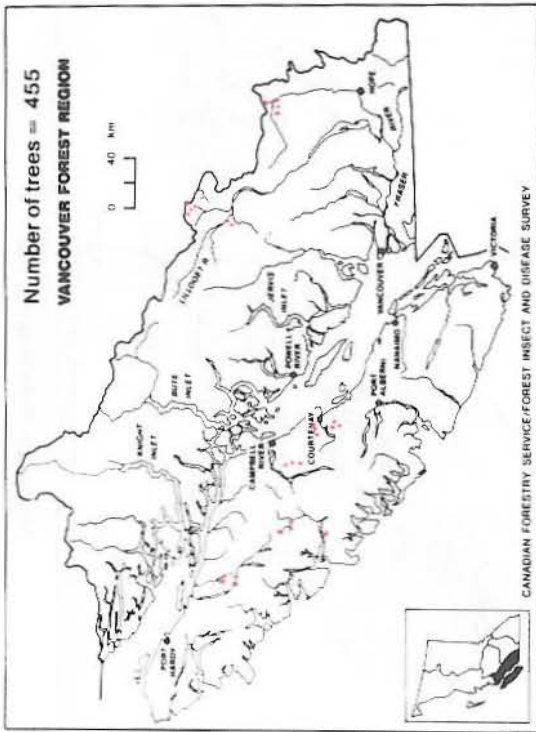
Mountain Pine Beetle, 1960



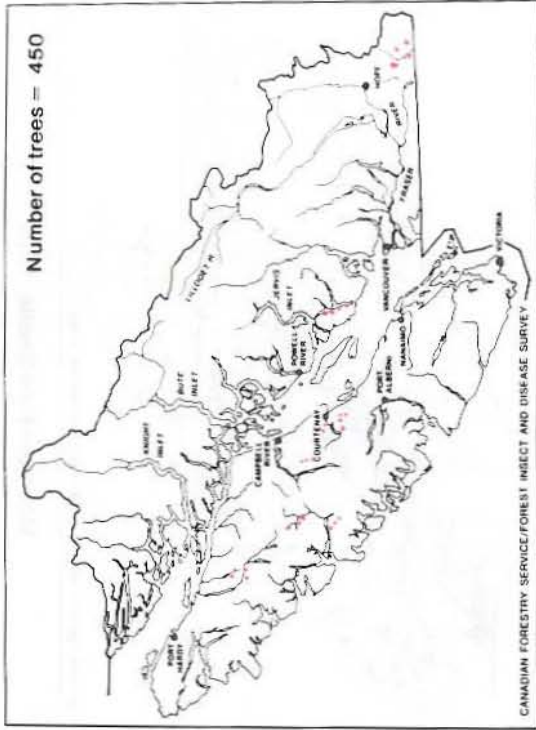
Mountain Pine Beetle, 1961



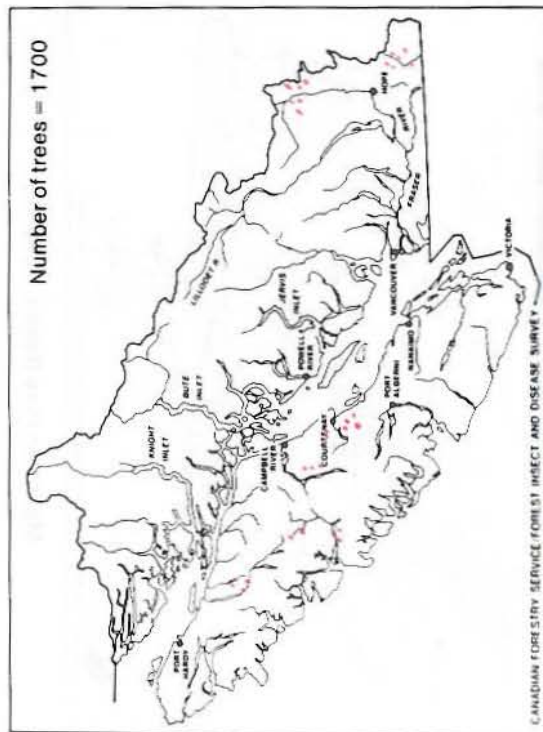
Mountain Pine Beetle, 1962



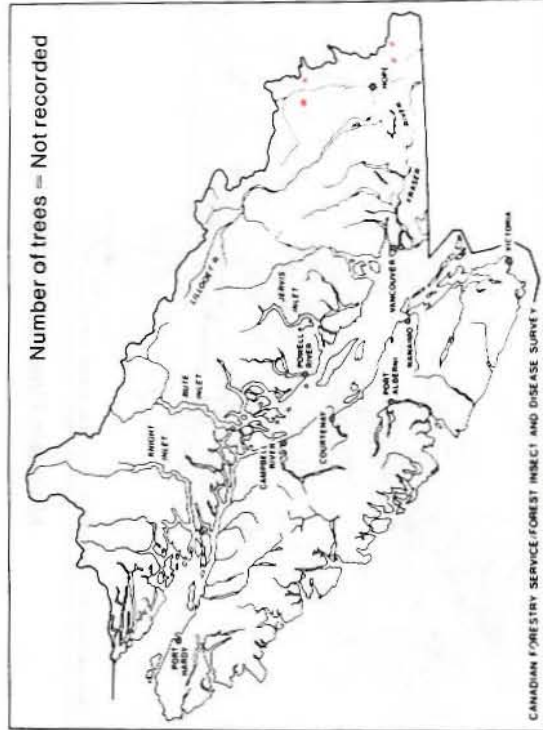
Mountain Pine Beetle, 1963



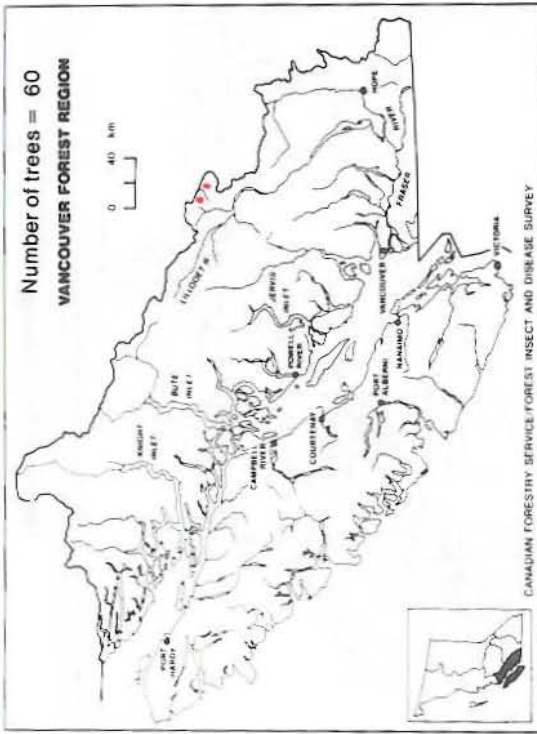
Mountain Pine Beetle, 1964



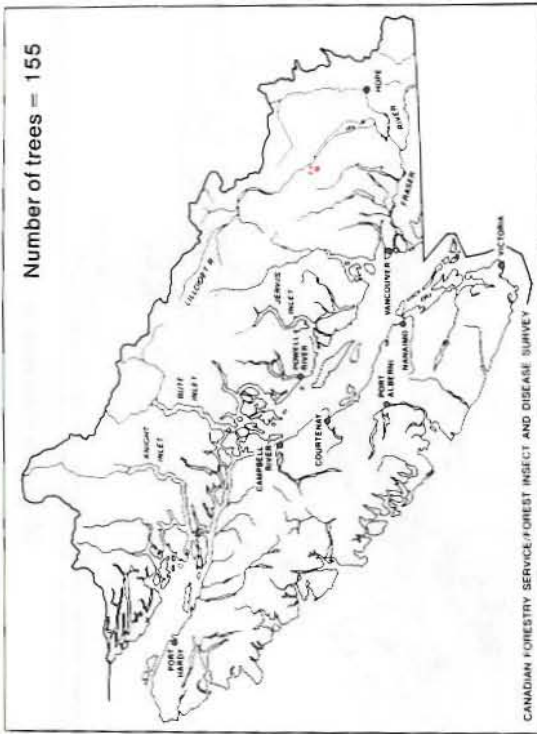
Mountain Pine Beetle, 1965



Mountain Pine Beetle, 1966



Mountain Pine Beetle, 1967-68



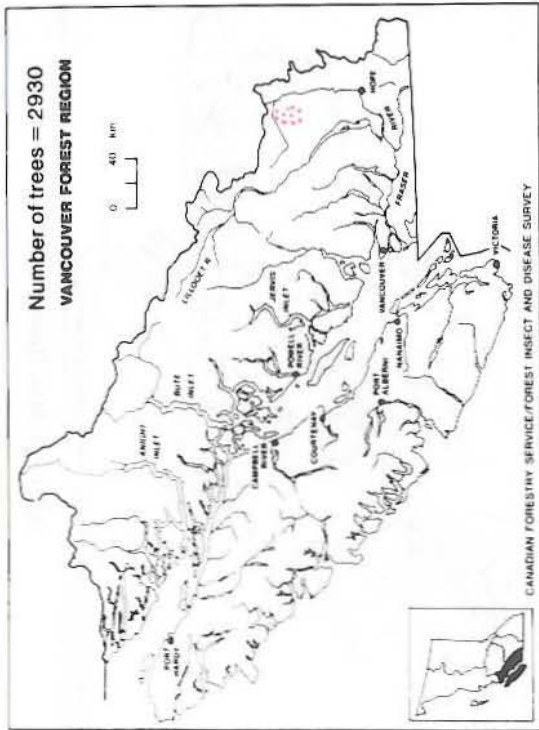
Mountain Pine Beetle, 1969-70



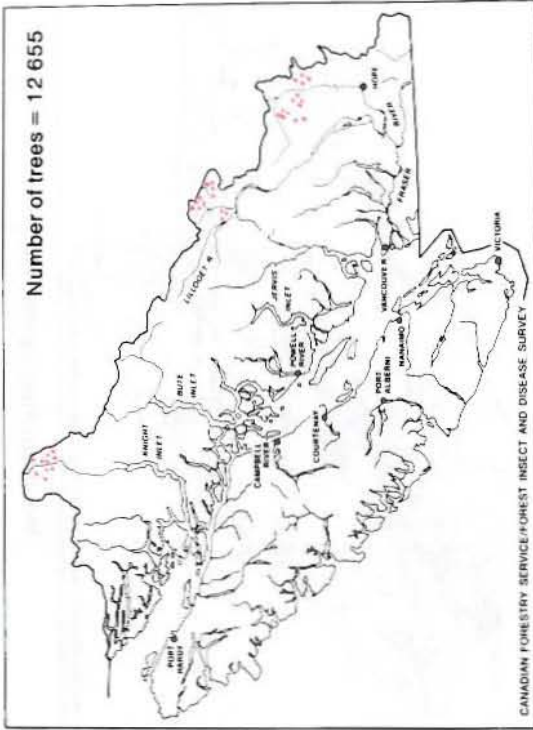
Mountain Pine Beetle, 1971



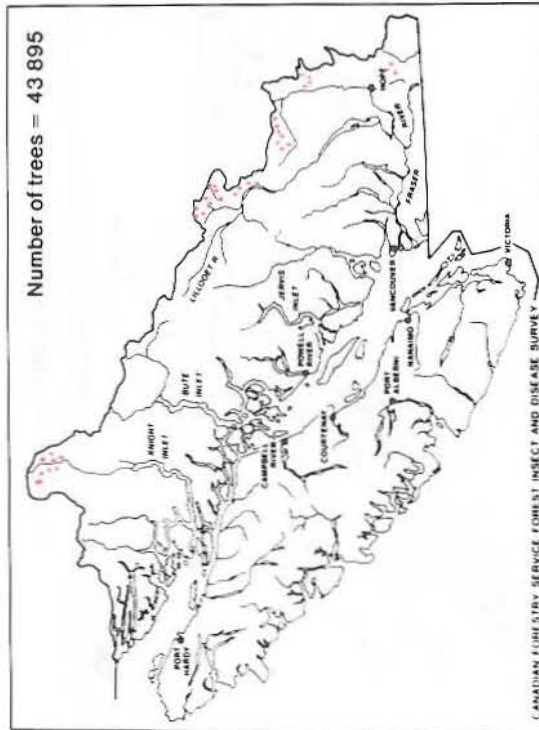
Mountain Pine Beetle, 1972



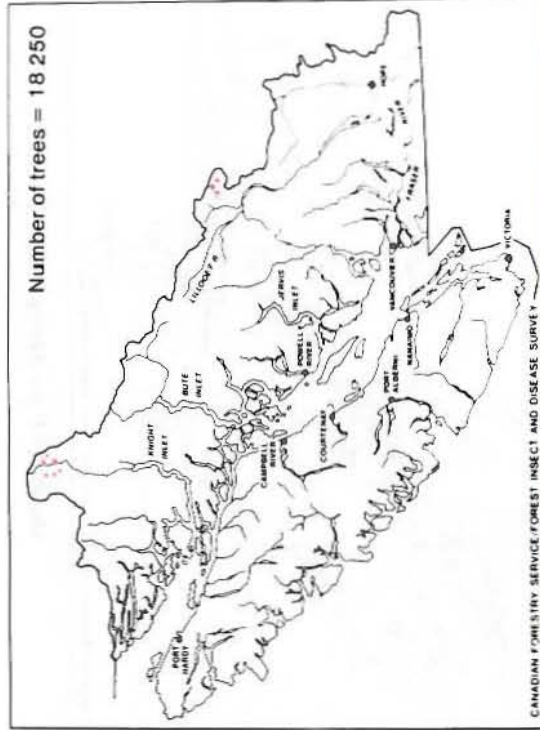
Mountain Pine Beetle, 1973



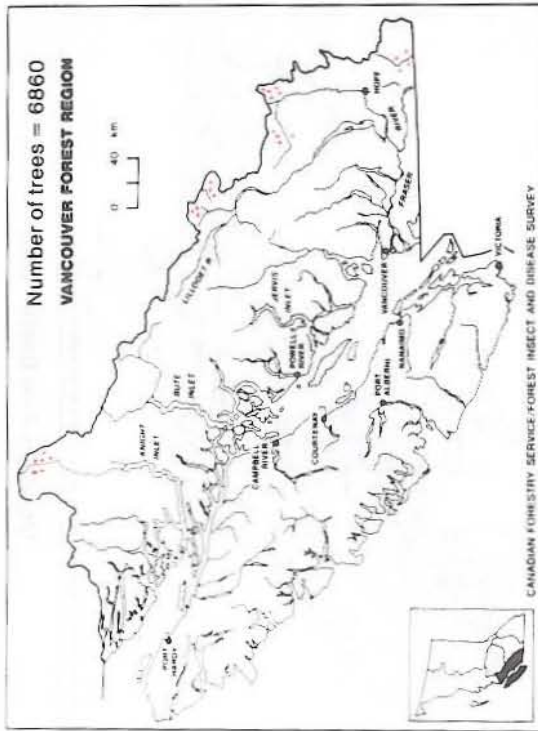
Mountain Pine Beetle, 1974



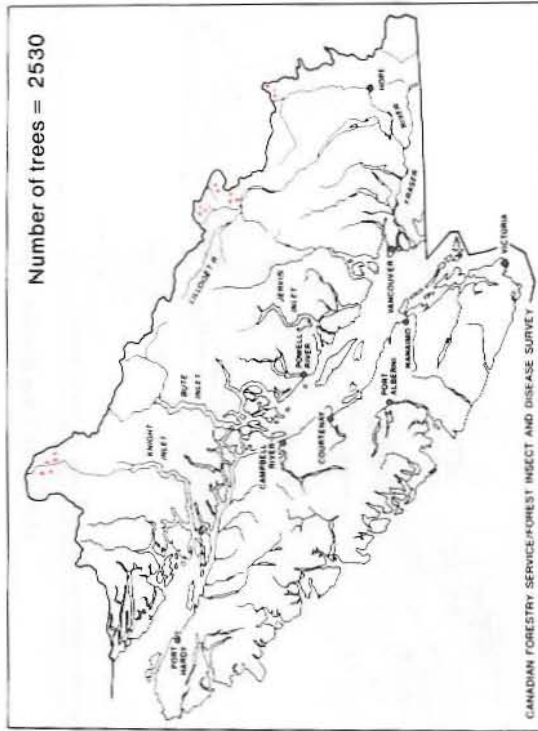
Mountain Pine Beetle, 1975



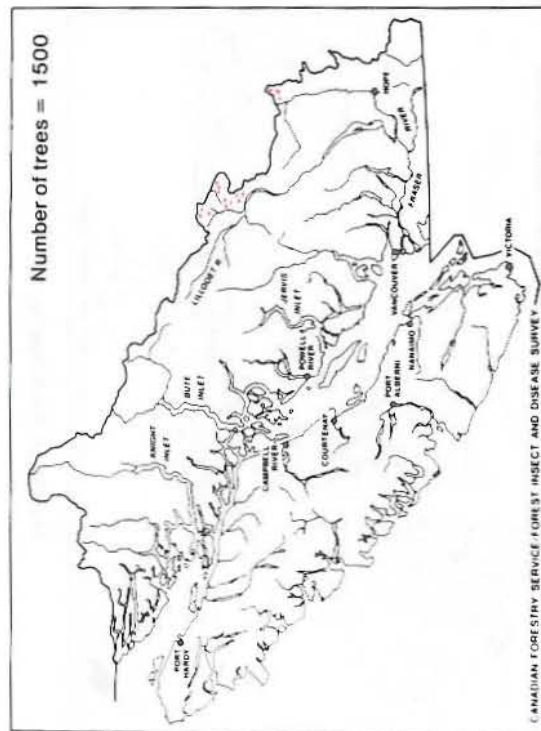
Mountain Pine Beetle, 1976



Mountain Pine Beetle, 1977



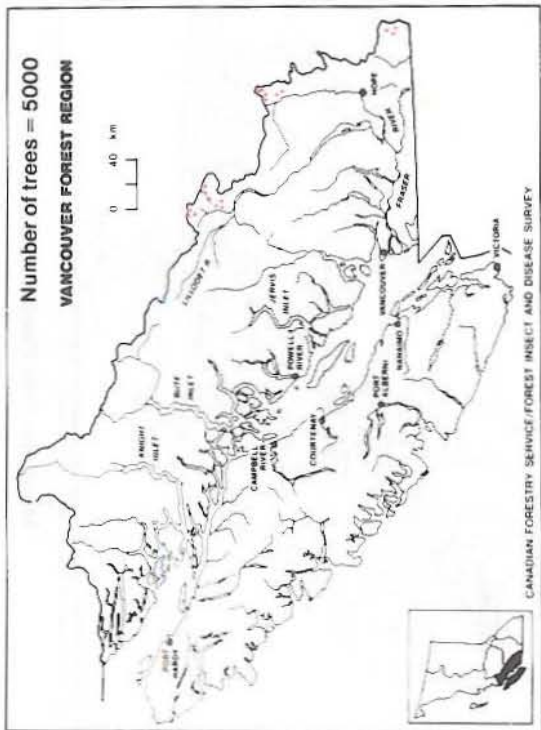
Mountain Pine Beetle, 1978



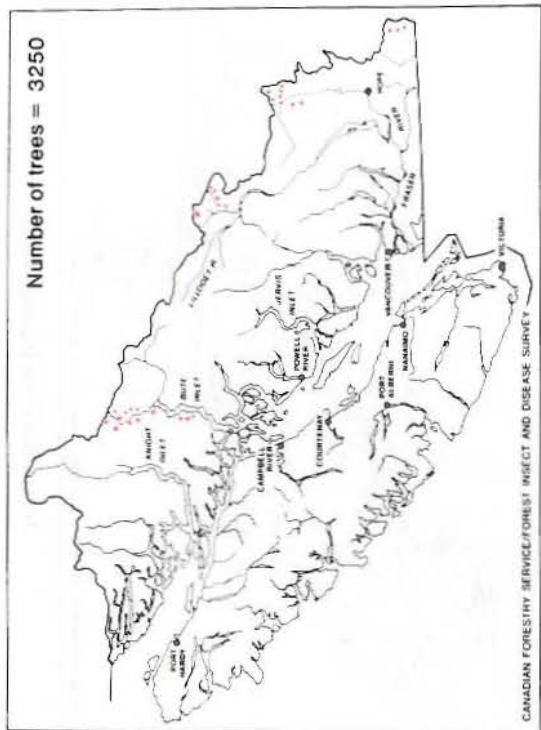
Mountain Pine Beetle, 1979



Mountain Pine Beetle, 1980



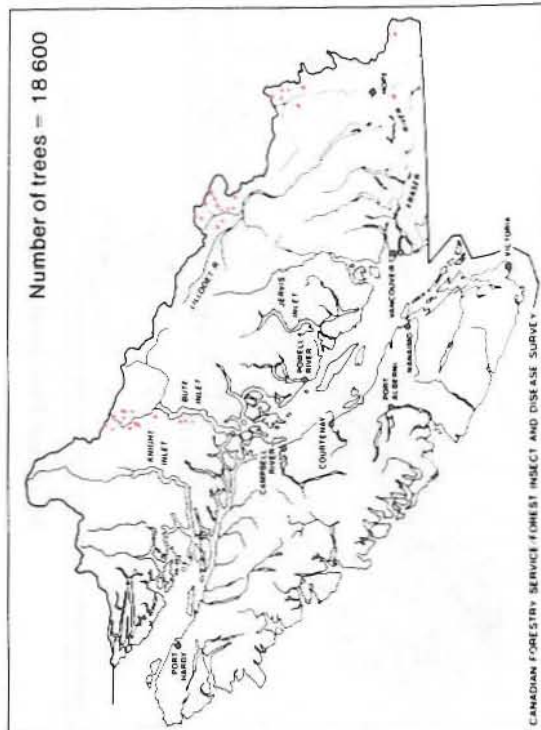
Mountain Pine Beetle, 1981



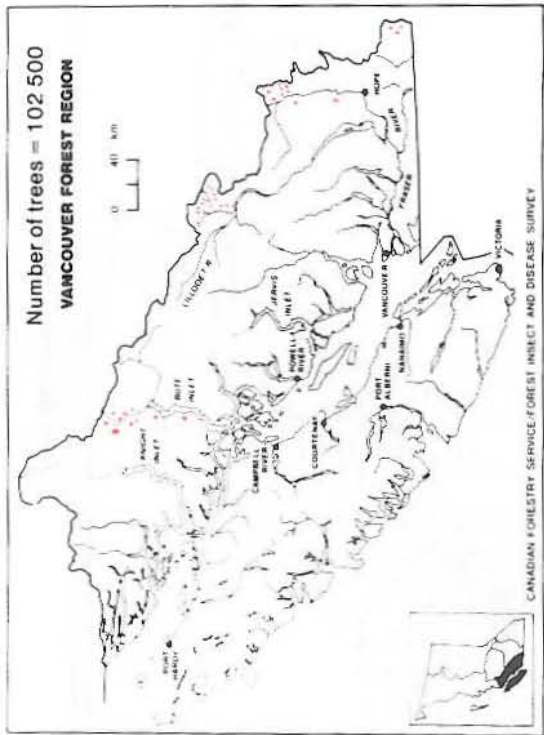
Mountain Pine Beetle, 1982



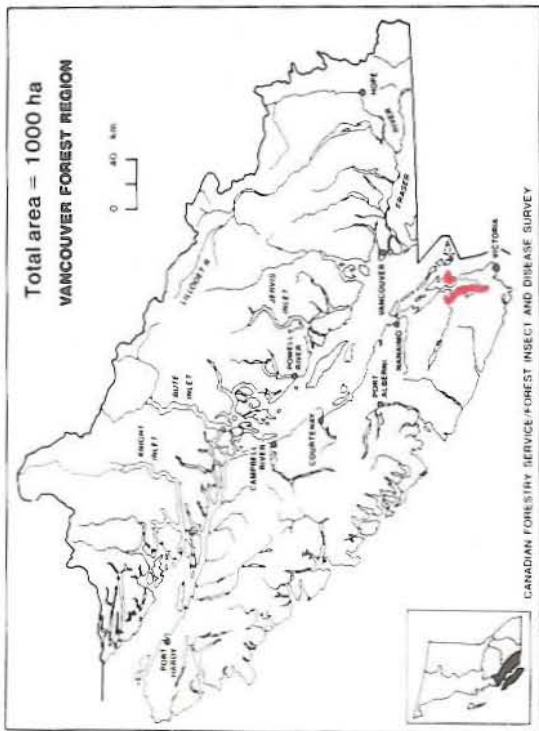
Mountain Pine Beetle, 1983



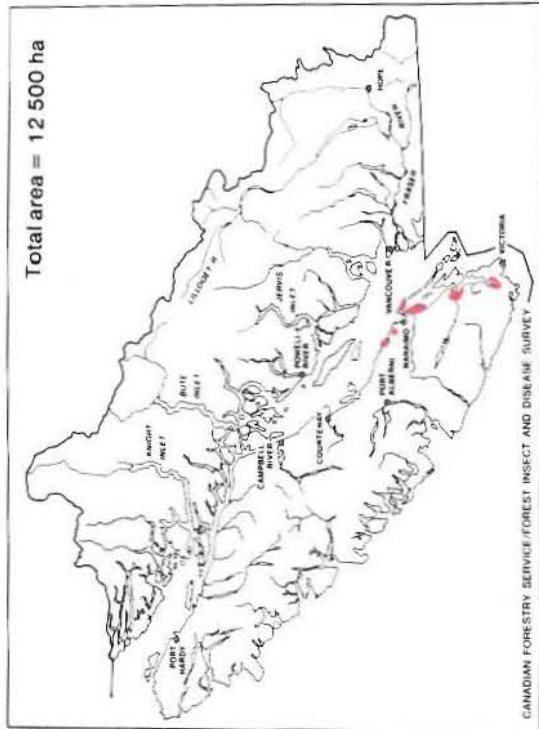
Mountain Pine Beetle, 1984



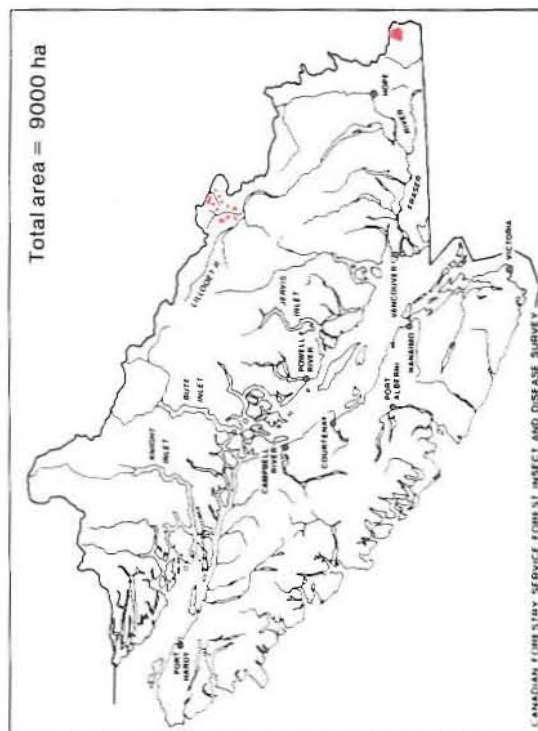
Mountain Pine Beetle, 1985



Spruce Budworm, 1909-10



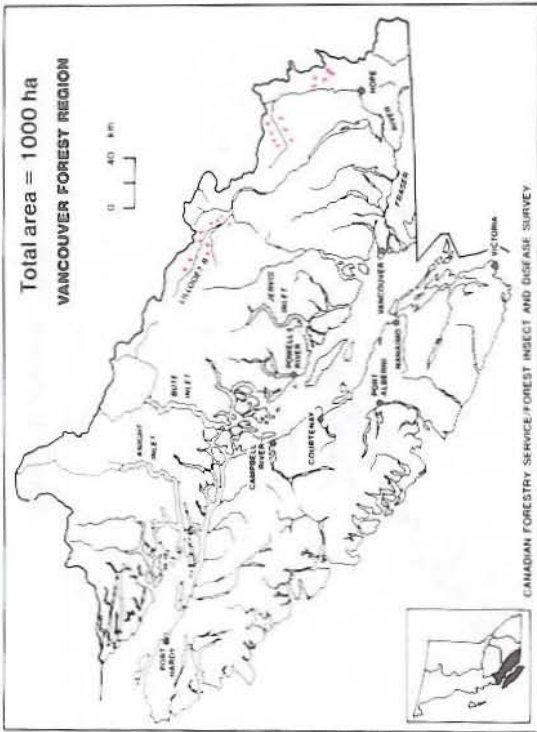
Spruce Budworm, 1926-30



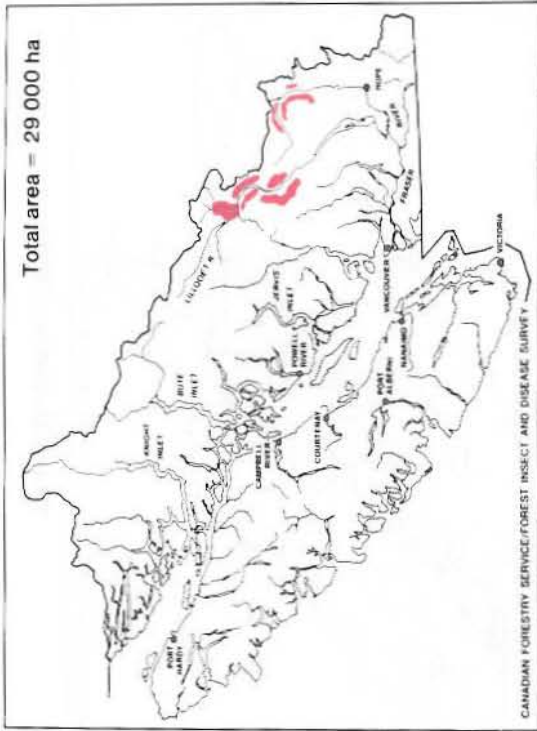
Spruce Budworm, 1943



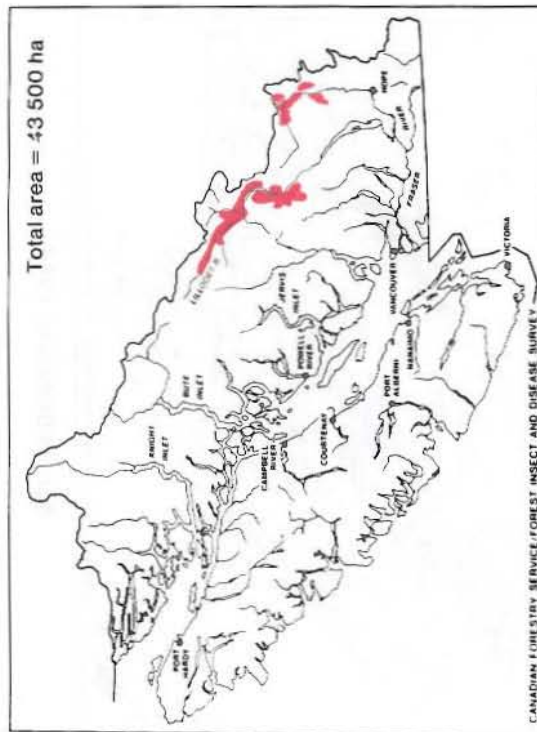
Spruce Budworm, 1944



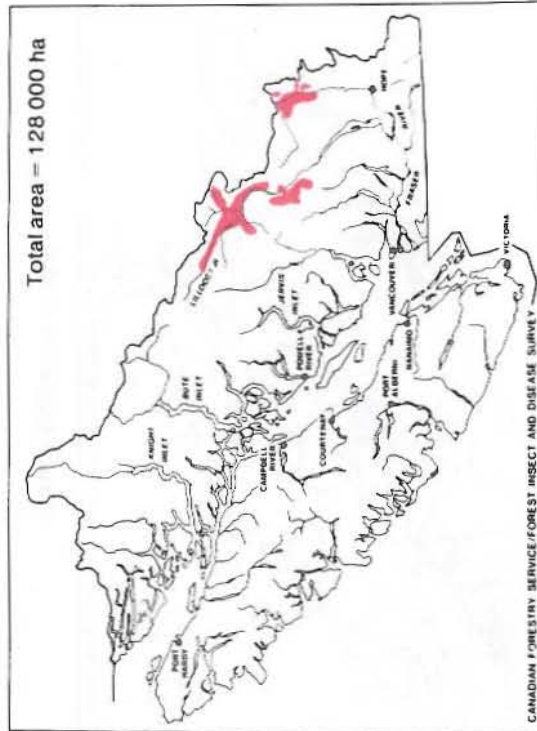
Spruce Budworm, 1953



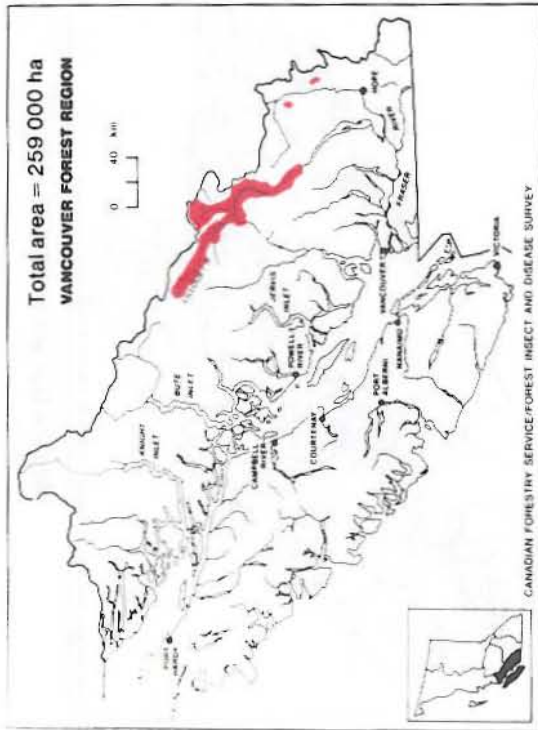
Spruce Budworm, 1954



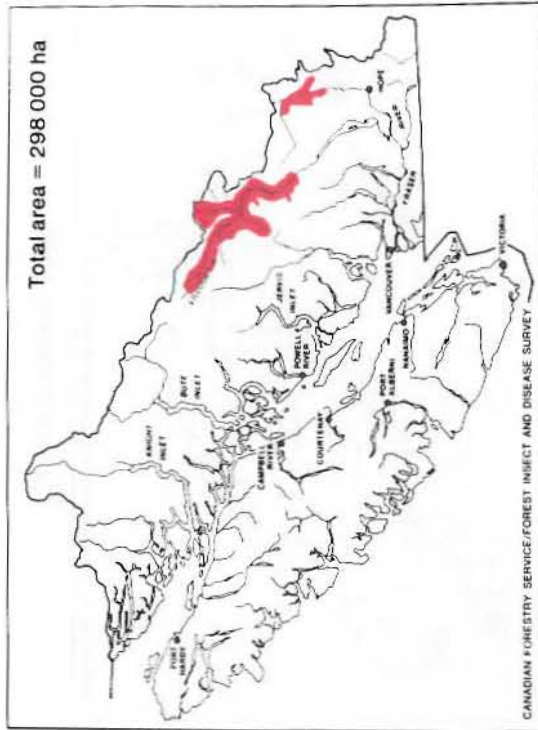
Spruce Budworm, 1955



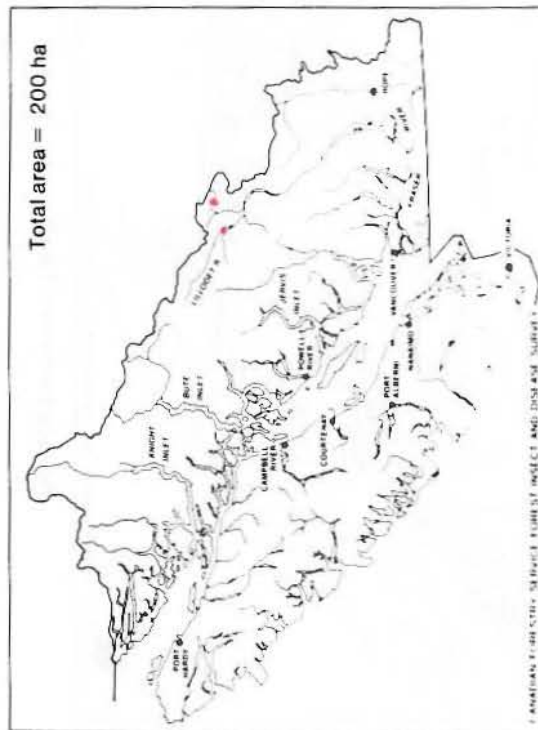
Spruce Budworm, 1956



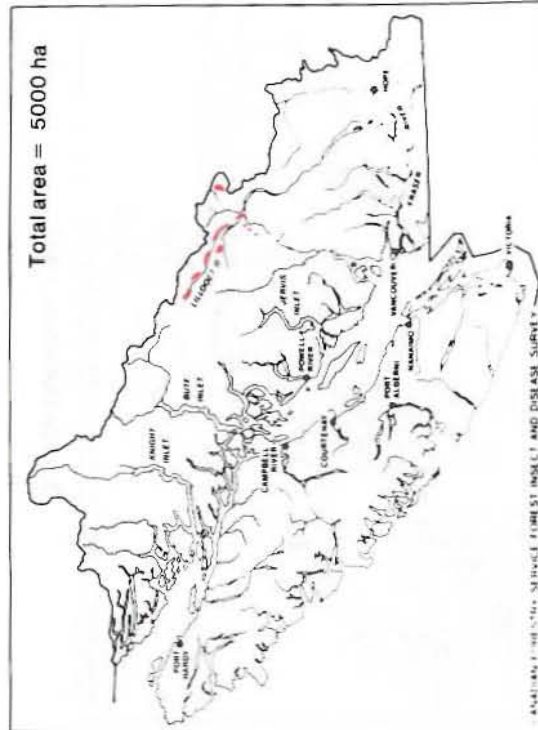
Spruce Budworm, 1957



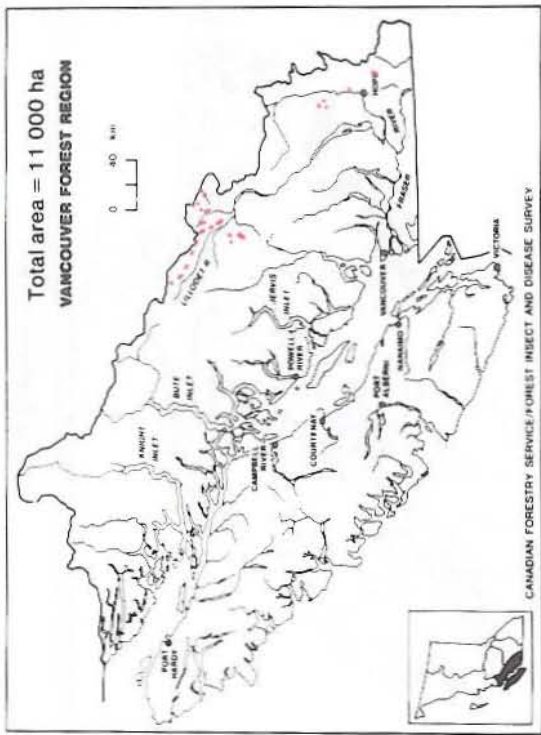
Spruce Budworm, 1958



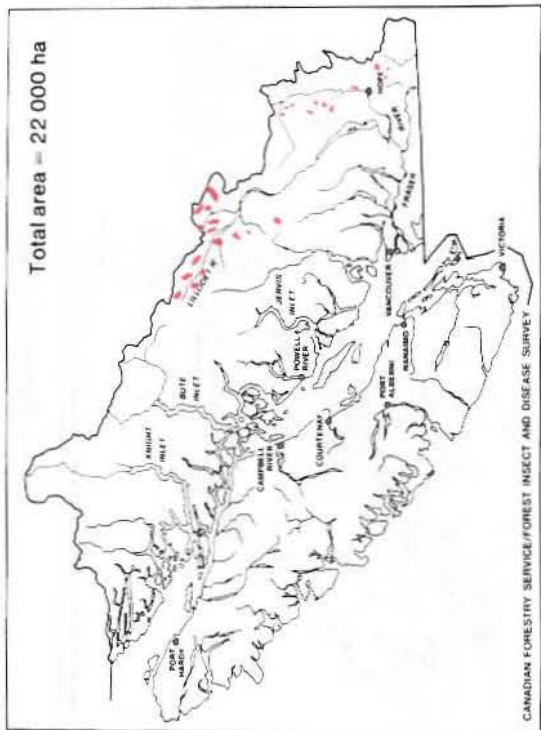
Spruce Budworm, 1969



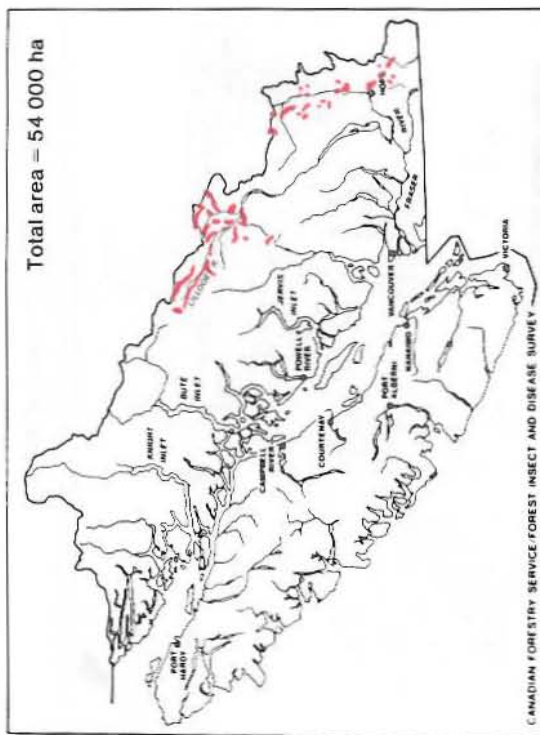
Spruce Budworm, 1970



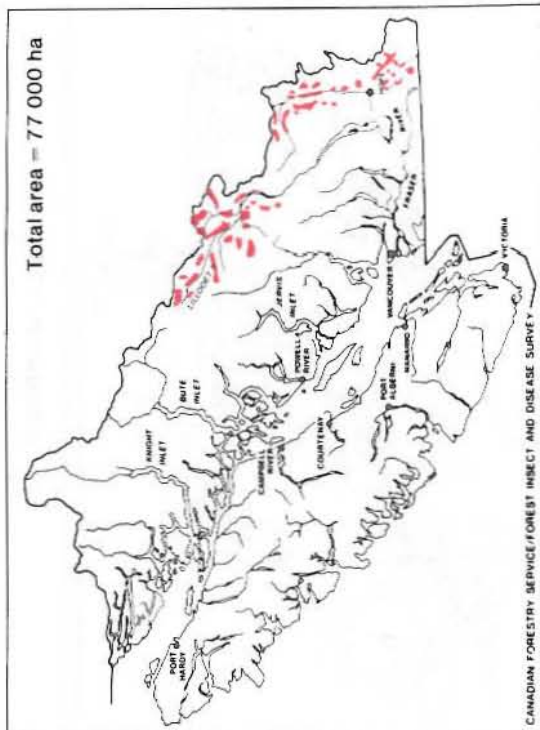
Spruce Budworm, 1971



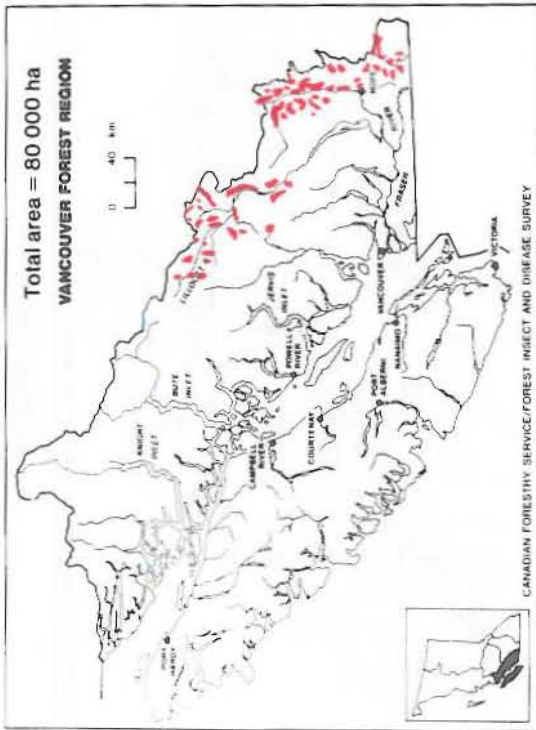
Spruce Budworm, 1972



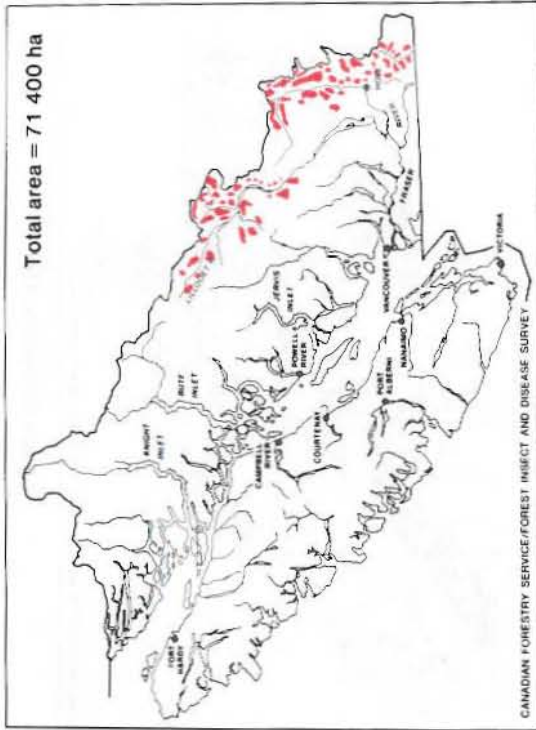
Spruce Budworm, 1973



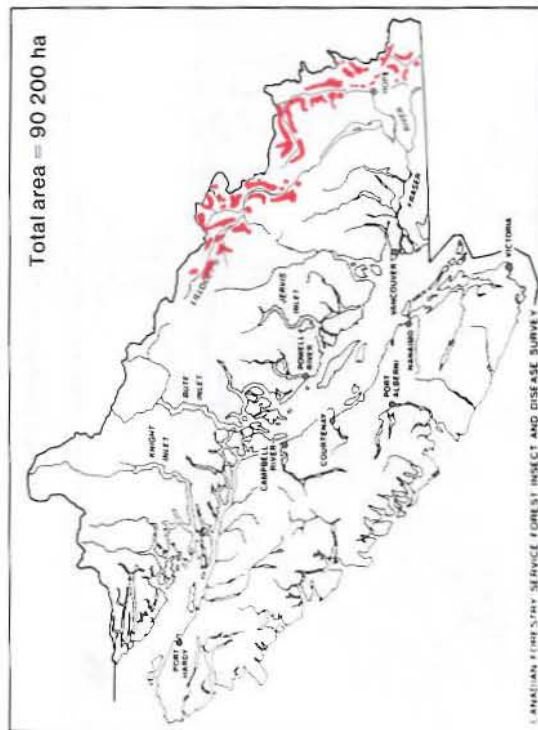
Spruce Budworm, 1974



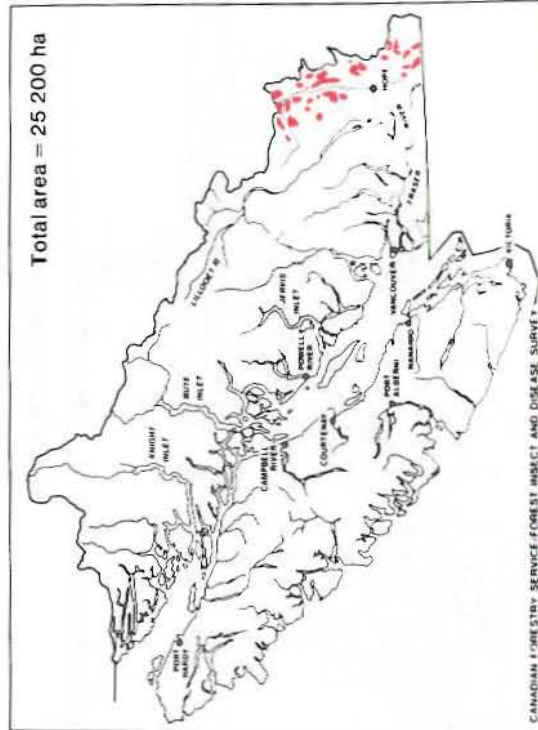
Spruce Budworm, 1975



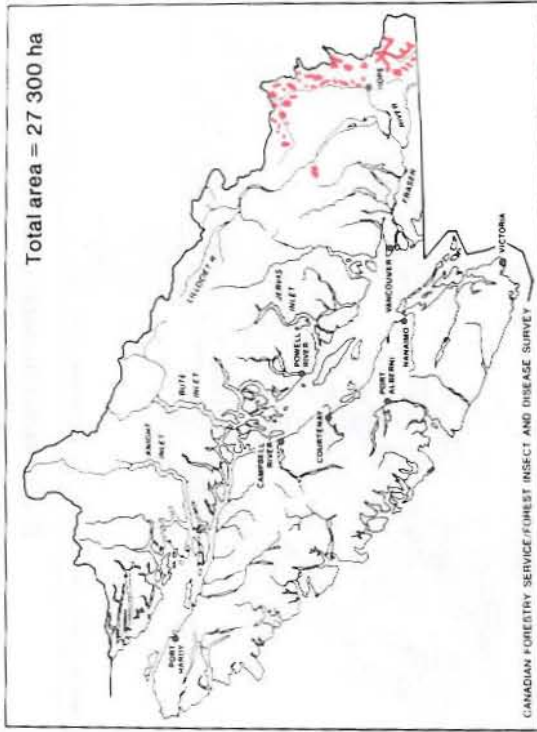
Spruce Budworm, 1976



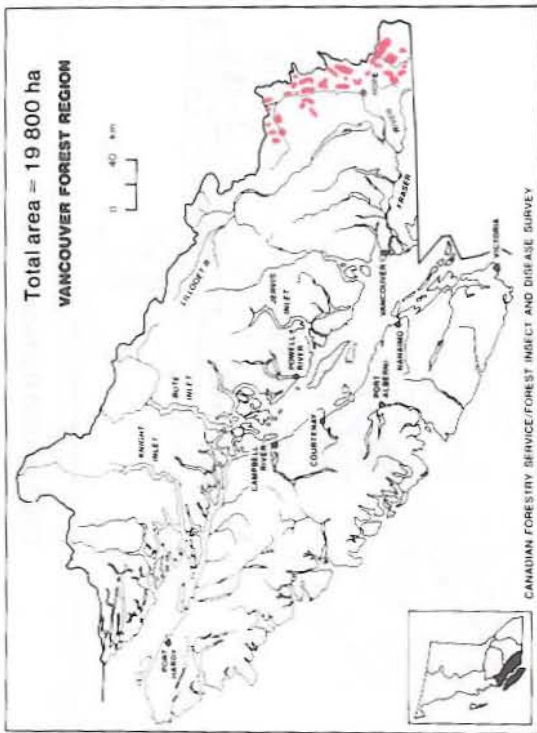
Spruce Budworm, 1977



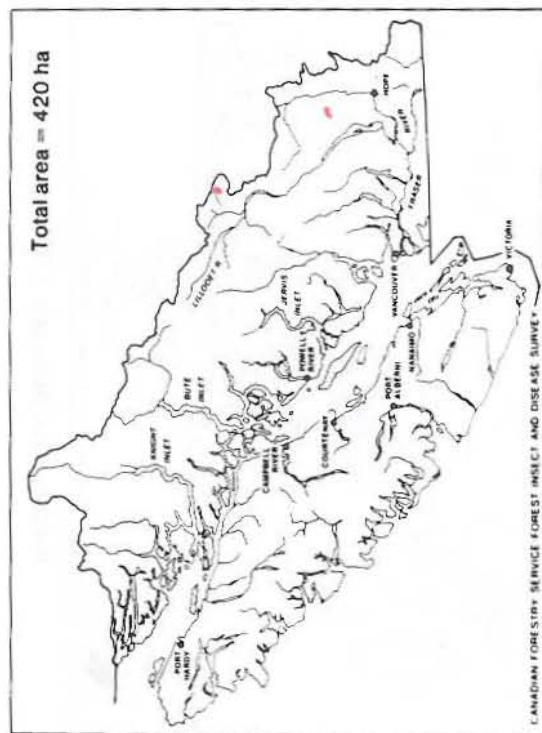
Spruce Budworm, 1978



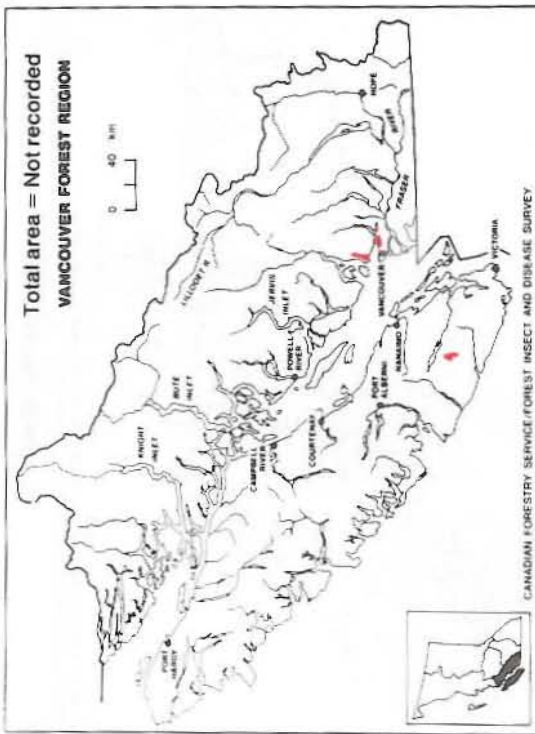
Spruce Budworm, 1980



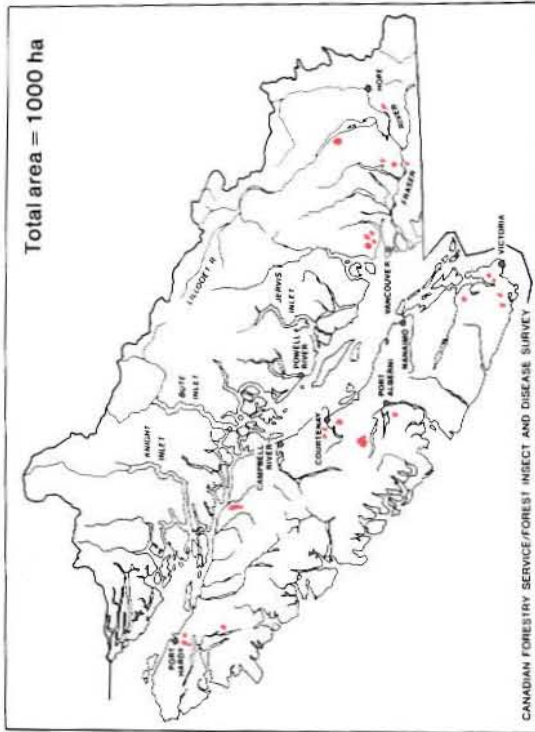
Spruce Budworm, 1979



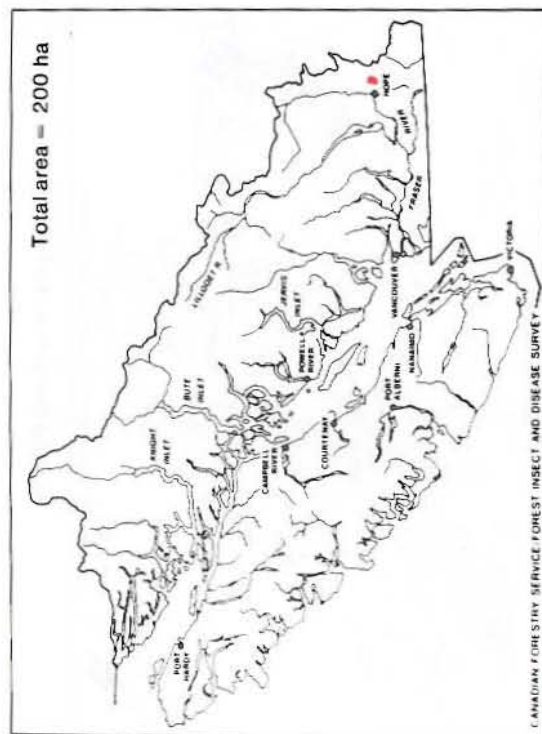
Spruce Budworm, 1981



Blackheaded Budworm, 1926-30



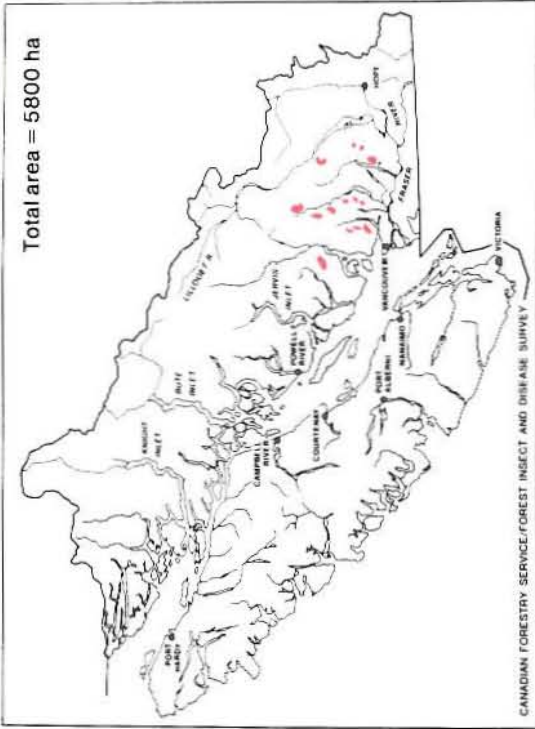
Blackheaded Budworm, 1940-44



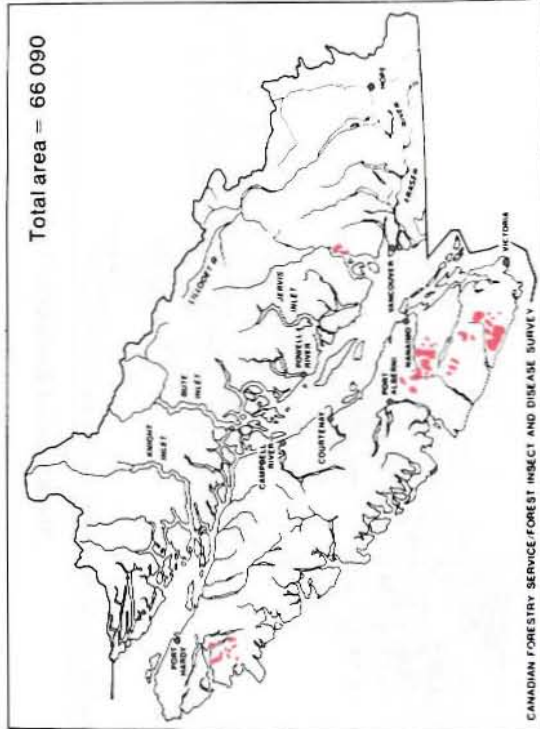
Blackheaded Budworm, 1966



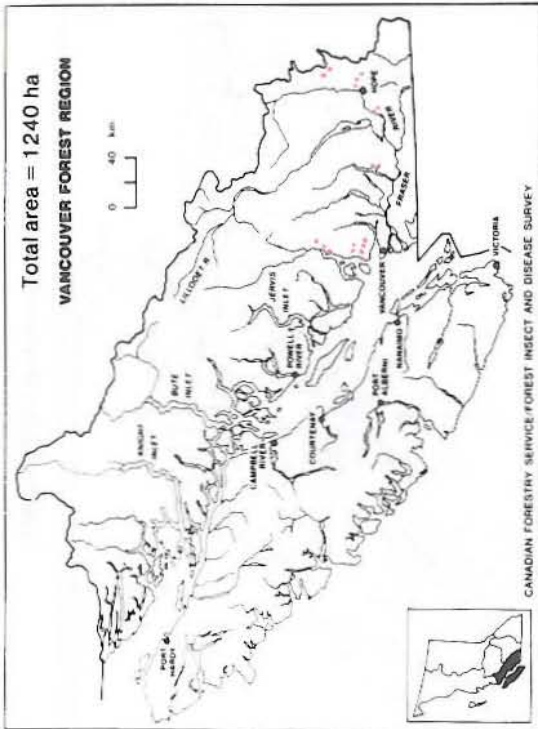
Blackheaded Budworm, 1967



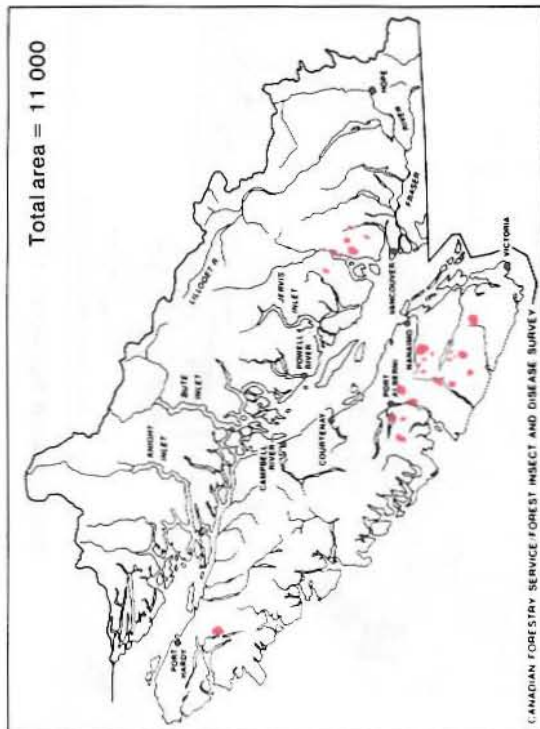
Blackheaded Budworm, 1969



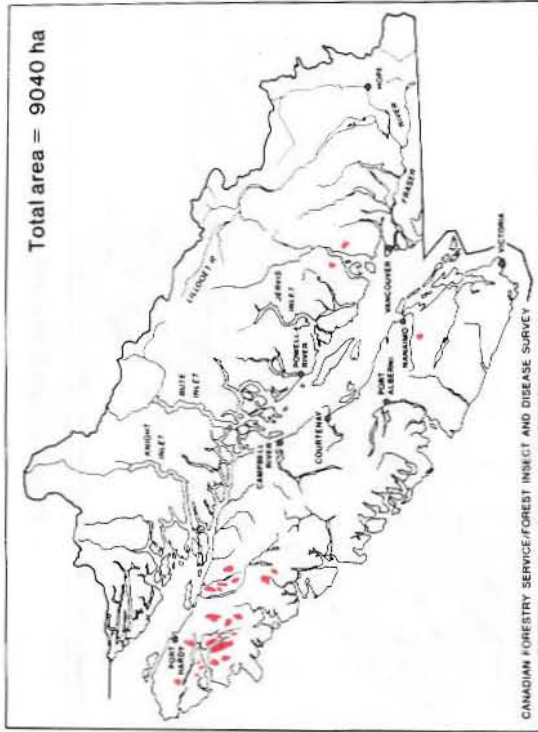
Blackheaded Budworm, 1971



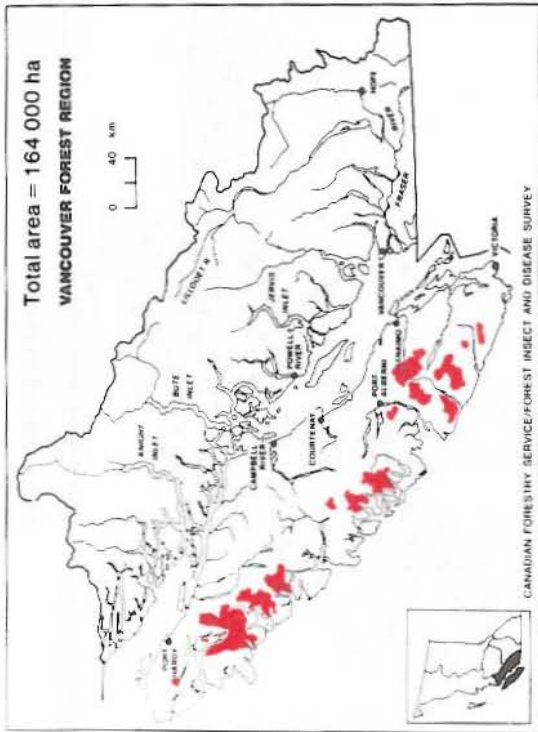
Blackheaded Budworm, 1968



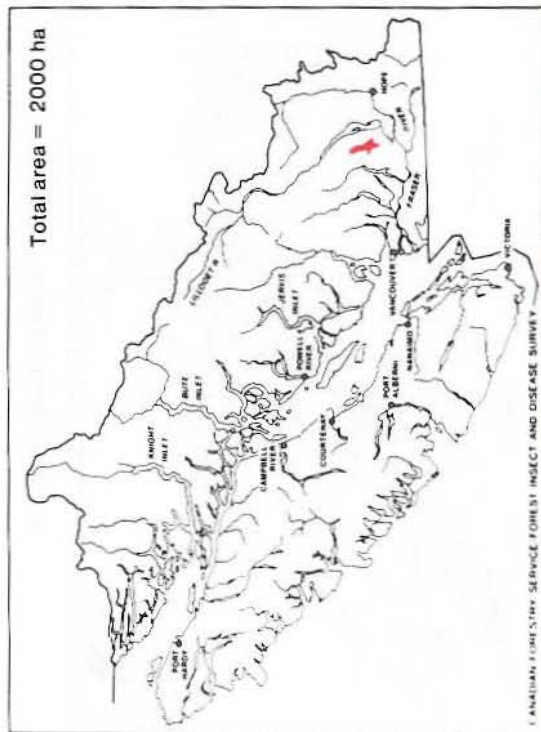
Blackheaded Budworm, 1970



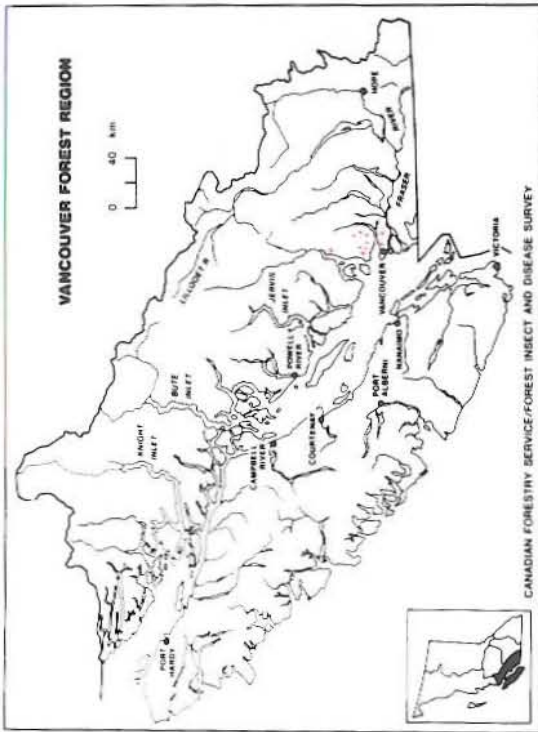
Blackheaded Budworm, 1973



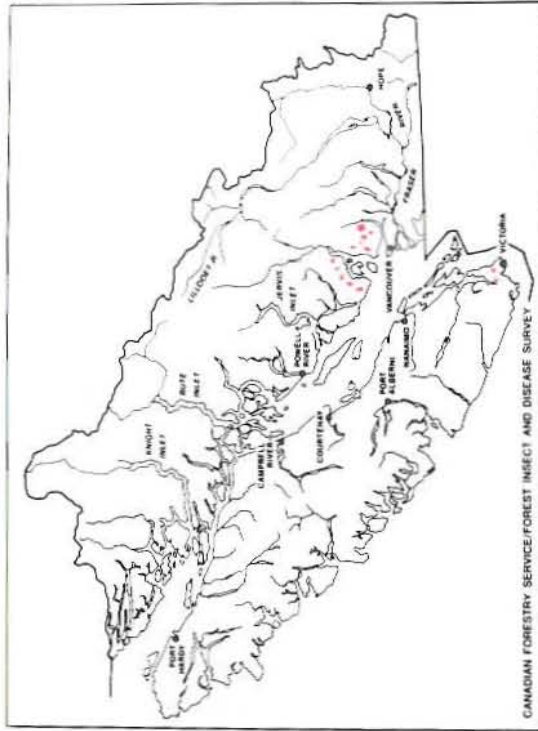
Blackheaded Budworm, 1972



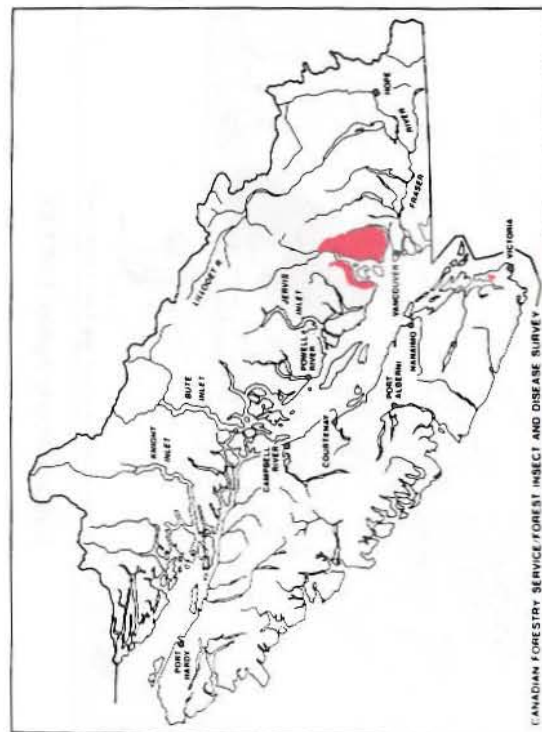
Blackheaded Budworm, 1985



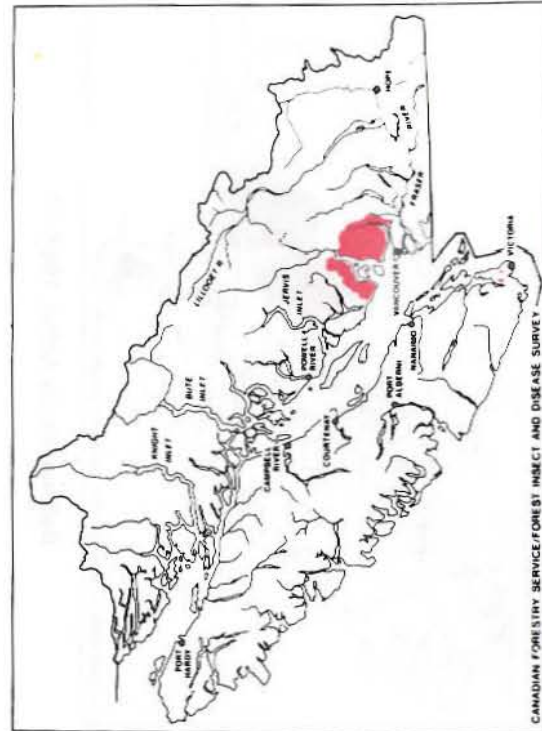
Balsam Woolly Aphid, 1958



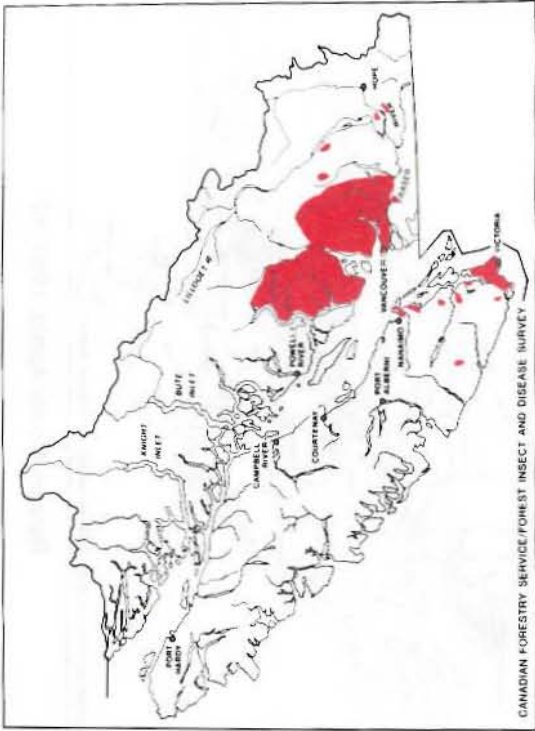
Balsam Woolly Aphid, 1959



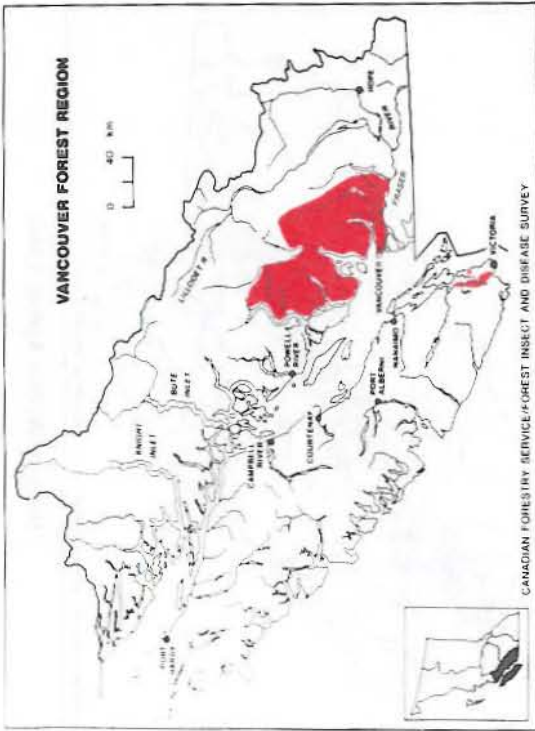
Balsam Woolly Aphid, 1960



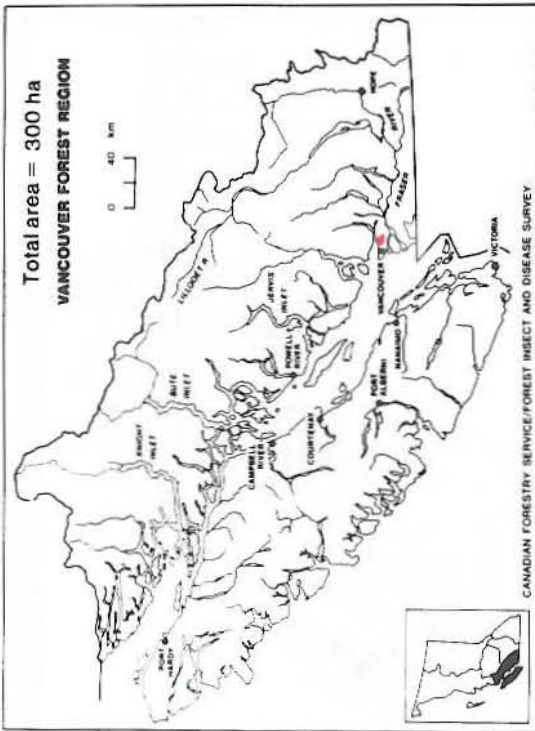
Balsam Woolly Aphid, 1961-62



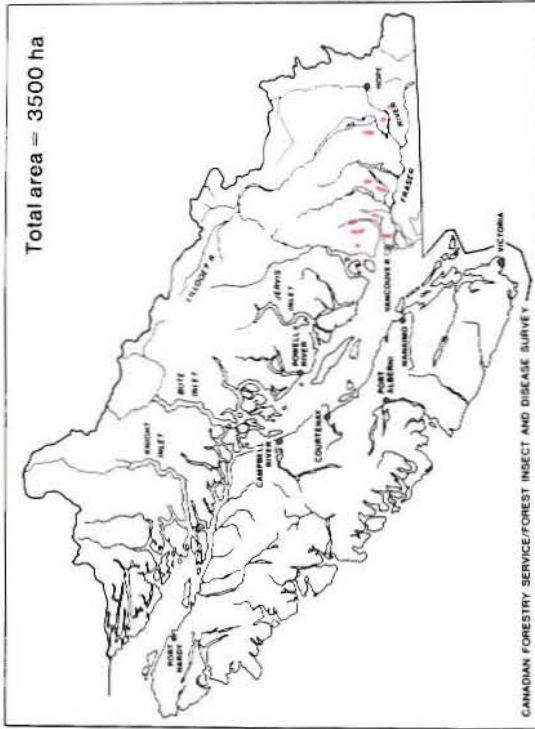
Balsam Woolly Aphid, 1966-75



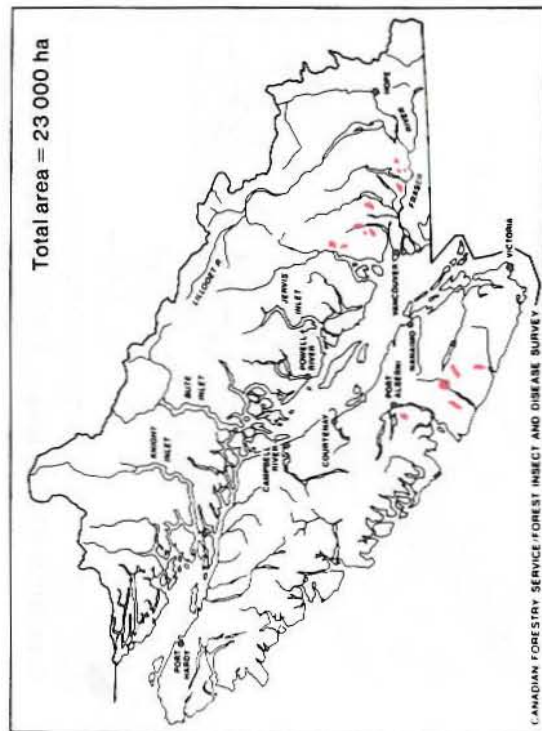
Balsam Woolly Aphid, 1963-65



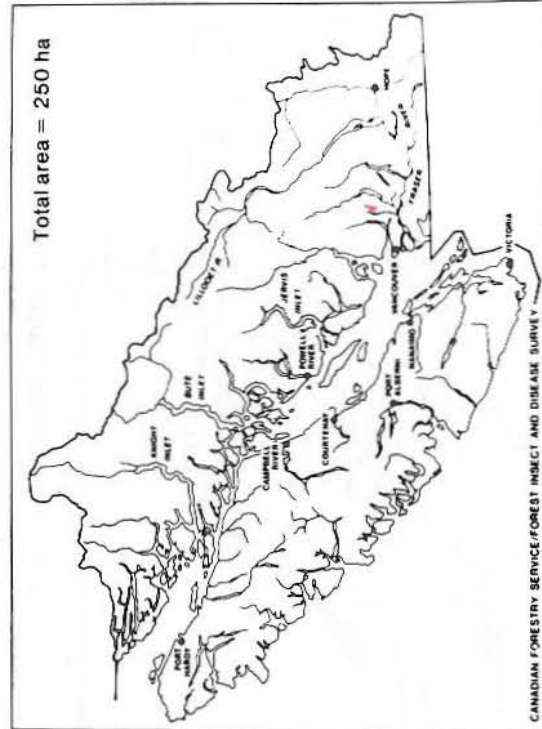
Western Hemlock Looper, 1911-13



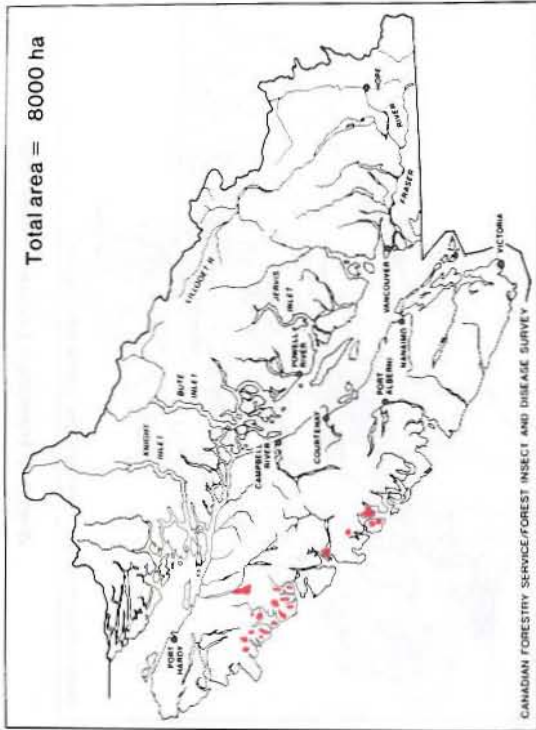
Western Hemlock Looper, 1925-30



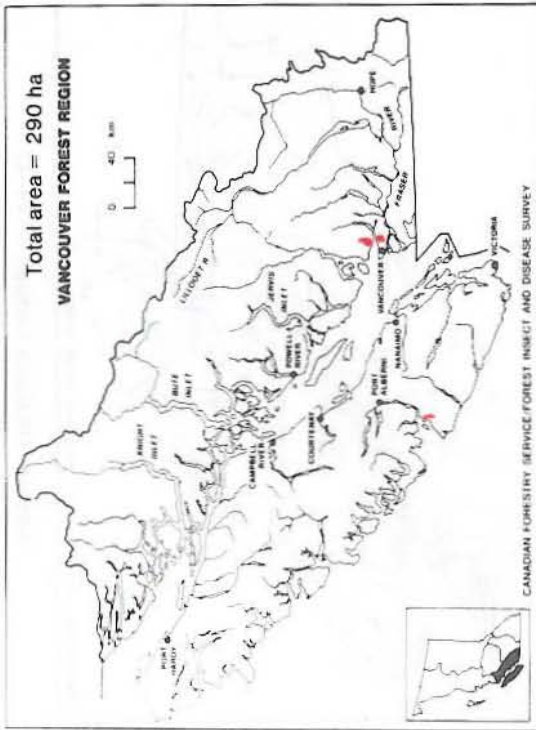
Western Hemlock Looper, 1944-47



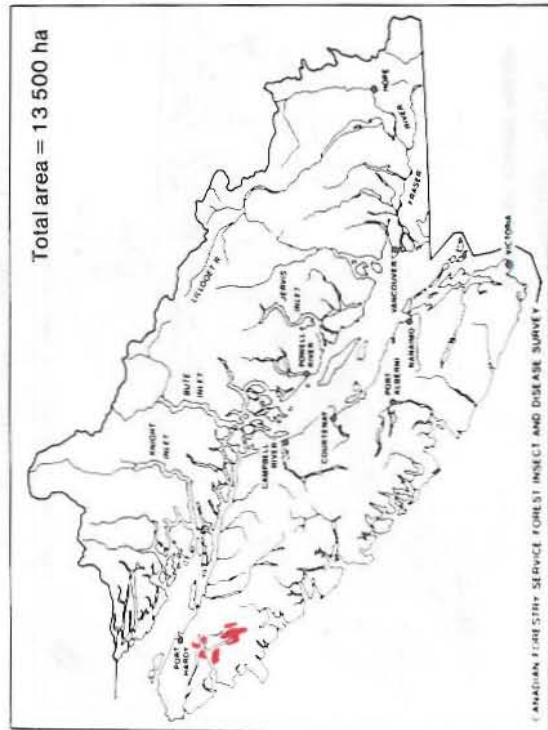
Western Hemlock Looper, 1969-73



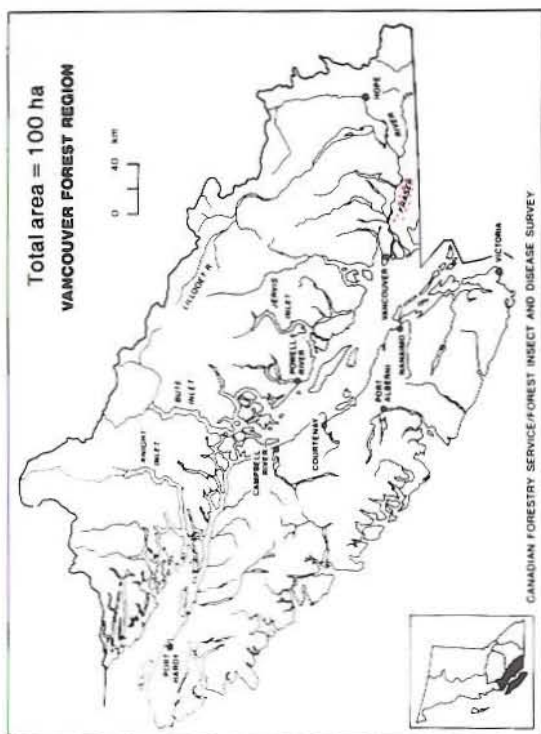
Greenstriped Forest Looper, 1959-62



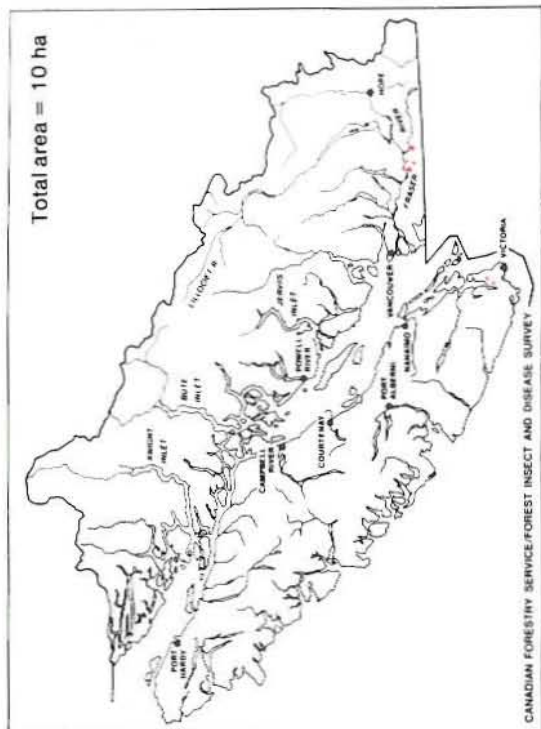
Greenstriped Forest Looper, 1952: Vancouver Island
1958: Vancouver Mainland



Greenstriped Forest Looper, 1968-70



Douglas-fir Tussock Moth, 1971-72



Douglas-fir Tussock Moth, 1982-83