

FIDS Pest Report 92-19

AUGUST 1992

**EASTERN SPRUCE BUDWORM  
IN THE PRINCE GEORGE FOREST REGION**

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Eastern spruce budworm, *Choristoneura fumiferana*, populations decreased for the second consecutive year by 46% to 132 000 ha of light defoliation in 1992 (map). The infestation has been active for the last nine years in the Fort Nelson Forest District defoliating white spruce and alpine fir. Aerial mapping was done by FIDS and the flight funded by the B.C. Forest Service.

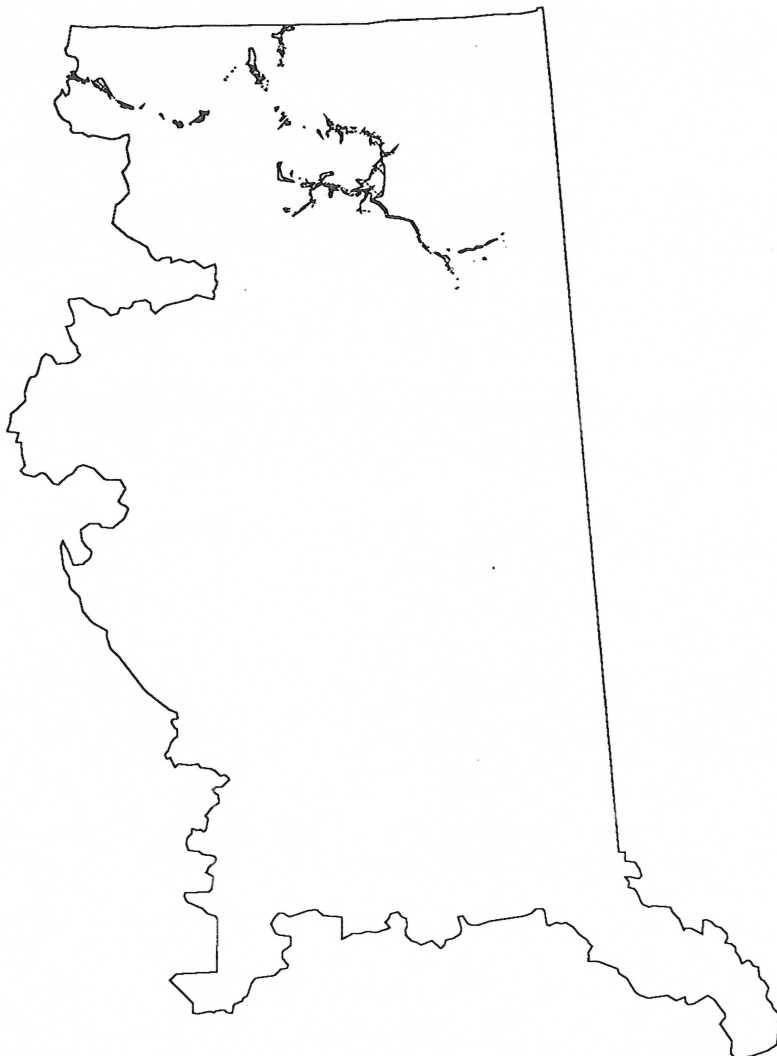
Damage was mapped in many of the same areas as in 1991 and expanded into the Fort St. John Forest District where 6 500 ha of light defoliation was recorded. Defoliation was mapped from Fort Nelson to the Northwest Territories, west to the Coal River area and near Liard Hot Springs. The largest area of defoliation was along the Fort Nelson River between Klua Creek and the Snake River. The infestation extends down the Fort Nelson and Fontas rivers into the Fort St. John Forest District.

The impact of the defoliation over the area has been growth loss, scattered top kill and tree mortality. Top kill and tree mortality have been reported along the Liard River near the Northwest Territories, in the Kledo and Steamboat Creek areas, along the Muskwa River and near Fort Nelson. Growth loss is being studied by Forestry Canada Damage Appraisal unit in cooperation with the B.C. Forest Service.

For further information please call Forestry Canada at 363-0778.

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# PRINCE GEORGE - EASTERN SPRUCE BUDWORM 1992



FORESTRY CANADA

Forest Insect and Disease Survey

Scale 1:6233035 17 Aug 92

## STATISTICS:

	Ha:	Freq:
Light:	138868	167
Total:	138868	167