

COMMON CANADIAN FOREST INSECT PESTS

The Spruce Budworm



Egg masses on needles (natural size) Caterpillars (nat. size)



Pupa (nat. size) Moths (nat. size)



Infested twig, early feeding A budworm outbreak, balsam forest Infested twig, end of feeding

The Eastern Spruce Bark-beetle



Inner surface of bark, tunnel, beetle and eggs (natural size) Grub Pupa Beetles



Pitch tube (nat. size) Inner face of bark showing tunnels (reduced in size)



An infestation showing killed trees and dying yellowish trees

The European Spruce Sawfly



Eggs laid singly in the needles. Adult making slit



Cocoons: 1. Sound 2. Fly emerged 3. Eaten by shrew
Larval Stages: 1. Hibernating 2. Young stage 3. Fifth stage
Adult



Early Feeding Attack on spruce-balsam forest Late Feeding

Fir green, spruce grey