

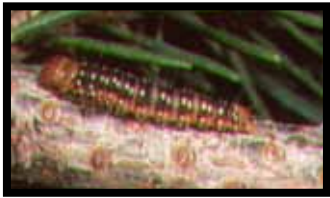


Defoliating Insects

Common Name	Douglas Fir Tussock Moth	Western Hemlock Looper	Western Spruce Budworm
Scientific Name	<i>Orgyia pseudotsugata</i>	<i>Lambdina fiscellaria lugubrosa</i>	<i>Choristoneura occidentalis</i>
Preferred Host	Douglas Fir	Western Hemlock	Douglas Fir
Over-wintering Stage	egg	egg	1 st larva instar
Egg Location	In adult cocoon	On moss, lichen, or bark	On the underside of the needles
Mature Larva Description	<ul style="list-style-type: none"> • hairy body • 4 white tufts at the front of the body • long black tuft at the rear • 2 long black tufts at the front 	<ul style="list-style-type: none"> • smooth light to dark grey body; back has dark spots • similar to an “inch-worm” • brown head with spots • cream lines along the body 	<ul style="list-style-type: none"> • smooth body • reddish brown head • yellowish to reddish brown body with rows of pale spots
Mature Larva Picture			
Adult Moth Description	<p>Female adult:</p> <ul style="list-style-type: none"> • wingless & doesn't fly • grey-dark brown • filamentous antennae <p>Male Adult:</p> <ul style="list-style-type: none"> • grey-brown with dark markings on its wings • plumose antennae 	<ul style="list-style-type: none"> • light in colour • there are 2 bands on the front wings and 1 on the back wings • filamentous antennae 	<ul style="list-style-type: none"> • grey or brownish • wingspan is about 26 mm • filamentous antennae
Adult Moth Picture	<p>Female (top) Male (bottom)</p> 