





Technical Bulletin for: Web-spinning Larch Saw Fly

Cephalcia lariciphila (Wachtl) • Hymenoptera, Pamphiliidae • CEPLAR



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| DISTRIBUTION | Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Italy, Netherlands, Russia (including Siberia), Slovakia, Sweden, Switzerland, and the UK. |
| HOSTS | Various species of Larch |
| DESCRIPTION | |
| Adult Moth | Approximately 8.6-10.2 mm in length. Head is black with yellow spotting. Mouthparts are dark brown. Abdomen whitish. |
| Larvae | The larva is 7-15 mm long. No abdominal legs. Antennae with eight segments. Coloration of body changes through the instars. 1st instar red-yellow, 2nd grey-green with purple longitudinal stripes, 3rd instar grey-green with dark-brown stripes surrounded by yellow green spots, 4th instar yellow-orange. Head dark-brown to black-brown. |
| Eggs | Elliptical, green, and approximately 1.1-2.0 mm in length. |
| LIFE HISTORY | Adults fly in May-June, males often being more common. Eggs are deposited singly on short-shoot needles. Larvae spin a web-tube at the bases of the short shoots and remain in the web while consuming the needles. Most feeding takes place in July. The old larvae drop to the ground where they remain free as nymphs without a cocoon 5-20 cm below the surface. In September they develop into pronymphs which overwinter. Pupation occurs in spring. Larvae may however remain in the soil as nymphs for as many as four winters before they pupate. |

MONITORING INFORMATION

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| LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE | Ortho-aminoacetophenone in a Red Rubber Septum. Lure longevity: Thirty (30) days. |  |
| TRAP TO USE | Red Paper or Plastic Trap. |  |
| MONITORING STRATEGY | Hang trap in trees near where egg-laying may occur on needles of the host trees, as early as late April before adults fly in the spring. Check with local forestry service for further information and recommendations. | |
| CULTURAL & PHYSICAL CONTROL | Inspect needles for eggs or larval webbing, removing infested branches if necessary. | |

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insect monitoring systems

Alpha Scents, Inc., 360 S. Sequoia Pkwy. Canby, OR 97013
TEL: 503-342-8611 • FAX: 314-271-7297 • sales@alphascents.com • www.alphascents.com