

Report of a Pest Risk Management: *Strobilomyia viaria*

This summary presents the conclusions of the pest risk management which has been conducted on the pest, according to EPPO Standard PP 5/4(1) Pest Risk Management Scheme.

Pest: *Strobilomyia viaria* Hockett (Diptera: Anthomyiidae)
Assessors: EPPO Panel on Quarantine Pests for Forestry revised
Panel on Phytosanitary Measures
Date: 2005-05-31

IDENTIFICATION OF THE PATHWAYS

1 Pathways studied in the pest risk management

PATHWAY: Soil accompanying larch plants (Plants of *Larix* accompanied by soil or other growing medium)
Pupae of the pest can be disseminated with soil of potted larch seedlings.

2 Other pathways

Adults of *S. viaria* can fly over rather long distances to colonize new stands, but the Panel did not consider this case because of a long distance between the actual area of distribution of the pest and the endangered area. It can nevertheless be noted that this pathway may present a risk.

IDENTIFICATION OF POSSIBLE MEASURES FOR PATHWAYS

Pathway: Plants for planting of *Larix* accompanied by soil or other growing medium

Measures related to consignments:

The following measures have been identified:

- Growing medium kept free from *Strobilomyia viaria*;
- Plants shaken practically free from growing medium and replanted in 'pest-free' growing medium within 2 weeks before export.

Note these measures are described in the EPPO Phytosanitary Procedure No.54 Growing Plants in growing media prior to export.

- Inspection for puparium.

Measures related to the crop or to places of production

- Area freedom for *Strobilomyia viaria* (the pest has a high mobility)
- Growing medium at planting free from *Strobilomyia viaria*

Note this measures is described in the EPPO Phytosanitary Procedure No.54 Growing Plants in growing media prior to export.

- Seedling of *Larix* should be grown either in specified protected conditions (to prevent soil contamination from falling larvae) or the seedling production should be separate from grown *Larix* plants ;

EVALUATION OF THE MEASURES IDENTIFIED IN RELATION TO THE RISKS PRESENTED BY THE PATHWAYS

CONCLUSION: SELECTION OF MEASURES

Plants for planting of *Larix* (except seedlings) accompanied by soil or other growing medium originating in countries where *Strobilomyia viaria* occurs¹

PC and, if appropriate, RC

Area freedom for *Strobilomyia viaria*

or

Plants have been grown following EPPO Phytosanitary Procedure No.54 Growing Plants in growing media prior to export and plants should be free from fruits.

Seedlings of *Larix* accompanied by soil or other growing medium originating in countries where *Strobilomyia viaria* occurs

PC and, if appropriate, RC

Area freedom for *Strobilomyia viaria*

or

Plants have been grown following EPPO Phytosanitary Procedure No.54 Growing Plants in growing media prior to export

or

Planted in a growing medium free of *Strobilomyia viaria* following EPPO Phytosanitary Procedure No.54 Growing Plants in growing media prior to export and grown in specified protected conditions (isolation of the place of production from other *Larix* plants, or mechanical isolation)

¹ Some countries require that deciduous plants for planting from certain origins should be dormant and free from leaves and plant debris. Such requirements are recommended as a general measure.

APPENDIX

For each possible category of measures in the pest risk management scheme, this table could identify specifically the ones which were considered suitable ("possible" in bold) and the ones which were not suitable (with a brief justification)

The Panel should decide whether such a summary table is useful, and whether it belongs to the pest risk management, or to the report of the pest risk management

CATEGORIES OF MEASURES	Pathway n° 1
Detection of the pest in consignments by inspection or testing	
visual inspection	yes
specified testing	no
import under special licence/permit and post-entry quarantine	no
Removal of the pest from the consignment by treatment or other phytosanitary procedures	
specified treatment	no
removal of parts of plants from the consignment	Plants shaken practically free from growing medium and replanted in 'pest-free' growing medium within 2 weeks before export
Prevention of establishment by limiting the use of the consignment	
import under special licence/permit and specified restrictions	no
Prevention of infestation of the commodity	
specified treatment and/or period of treatment (crop)	Growing medium at planting was free from <i>Strobilomyia viaria</i> and kept free from <i>S. viaria</i>
consignment should be composed of specified cultivars	not suitable
specified protected cultivation	yes
specified age of plant, growth stage or time of year of harvest	no
specific handling/packing methods	not relevant
certification scheme	no
Establishment and maintenance of pest freedom of a crop, place of production or area	
pest freedom of the crop	no
pest-free place of production	no
pest-free place of production and appropriate buffer zone	no
pest-free area	yes
Prohibition	no
Internal measures	
surveillance and/or eradication campaign	no