

### **Report of a Pest Risk Management: *Dendrolimus superans***

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.

*The text in italics is to guide the assessor as to what information should be presented, it will not appear on the final summary.*

<b>Pest:</b>	<i>Dendrolimus superans</i> Butler (Lepidoptera: Lasiocampidae)
<b>Assessors:</b>	EPPO Panel on Quarantine Pests for Forestry
<b>Date:</b>	2003-09-28

#### **IDENTIFICATION OF THE PATHWAYS**

##### **1 Pathways studied in the pest risk management**

###### **PATHWAY 1:** Plants for planting

Plants for planting of host trees may carry eggs, larvae and cocoons of the pest on bark and branches.

###### **PATHWAY 2:** Cut branches (including Christmas trees)

Cut branches (including Christmas trees) of host trees may carry eggs, larvae and cocoons of the pest on bark and branches.

###### **PATHWAY 3:** Wood with bark

Wood with bark of host plants may carry eggs and larvae of the pest.

##### **2 Other pathways**

Natural spread has been identified as a pathway, 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 1: Plants for planting of *Abies*, *Pinus*, *Larix*, *Picea* and *Tsuga* from countries where *Dendrolimus sibiricus* occurs**

#### *Measures related to consignments:*

The following measures have been identified:

- plants for planting should be free from soil;
- inspection.

#### *Measures related to the crop or to places of production*

- plants for planting should be harvested and imported only in the period between 1st October and 31st March;
- area freedom for *Dendrolimus superans*;
- plants for planting should be grown in protected conditions.

### **Pathway 2: Cut branches (including Christmas trees) of *Abies*, *Pinus*, *Larix*, *Picea* and *Tsuga* from countries where *Dendrolimus sibiricus* occurs**

#### *Measures related to consignments:*

The following measures have been identified:

- plants for planting should be free from soil;
- fumigation;
- inspection.

#### *Measures related to the crop or to places of production*

- plants for planting should be harvested and imported only in the period between 1st October and 31st March;
- area freedom for *Dendrolimus superans*;
- plants for planting should be grown in protected conditions.

### **Pathway 3: Wood with bark of *Abies*, *Pinus*, *Larix*, *Picea* and *Tsuga* from countries where *Dendrolimus sibiricus* occurs**

The risk for wood with bark was recognised as acceptable, consequently no measures have been identified.

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

### CONCLUSION: SELECTION OF MEASURES

Plants for planting of <i>Abies</i> , <i>Pinus</i> , <i>Larix</i> , <i>Picea</i> and <i>Tsuga</i> originating in countries where <i>Dendrolimus sibiricus</i> occurs	<p>PC and, if appropriate, RC</p> <p>Free from soil according to EPPO Phytosanitary Procedure No.54</p> <p>Harvested and imported only in the period between 1st October and 31st March</p> <p><u>or</u></p> <p>Area freedom for <i>Dendrolimus sibiricus</i> according to EPPO Phytosanitary Procedure No</p> <p><u>or</u></p> <p>Grown in protected conditions</p>
Cut branches (including Christmas trees without soil) of <i>Abies</i> , <i>Pinus</i> , <i>Larix</i> , <i>Picea</i> and <i>Tsuga</i> originating in countries where <i>Dendrolimus sibiricus</i> occurs	<p>PC and, if appropriate, RC</p> <p>Free from soil according to EPPO Phytosanitary Procedure No.54</p> <p>Harvested and imported only in the period between 1st October and 31st March</p> <p><u>or</u></p> <p>Area freedom for <i>Dendrolimus sibiricus</i> according to EPPO Phytosanitary Procedure No ...</p> <p><u>or</u></p> <p>Fumigated by EPPO Phytosanitary Procedure N°</p> <p><u>or</u></p> <p>Grown in protected conditions</p>

## 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**

<b>CATEGORIES OF MEASURES</b>	<b>Pathway n° 1</b>	<b>Pathway n° 2</b>
<b>Detection of the pest in consignments by inspection or testing</b>		
general visual inspection	<b>yes</b>	<b>yes</b>
targeted visual inspection	<b>yes</b>	<b>yes</b>
specified testing	no	no
import under special licence/permit and post-entry quarantine	no	no
<b>Removal of the pest from the consignment by treatment or other phytosanitary procedures</b>		
specified treatment	no	<b>Fumigation</b>
removal of parts of plants from the consignment	not relevant	not relevant
<b>Prevention of establishment by limiting the use of the consignment</b>		
import under special licence/permit and specified restrictions	no	no
<b>Prevention of infestation of the commodity</b>		
specified treatment and/or period of treatment (crop)	no	no
consignment should be composed of specified cultivars	not suitable	not suitable
specified protected cultivation	<b>Grown in protected conditions</b>	<b>Grown in protected conditions</b>
specified age of plant, growth stage or time of year of harvest	<b>Harvested and imported only in the period between 1st October and 31st March</b>	<b>Harvested and imported only in the period between 1st October and 31st March</b>
specific handling/packing methods	not relevant	not relevant
certification scheme	no	no
<b>Establishment and maintenance of pest freedom of a crop, place of production or area</b>		
pest freedom of the crop	no	no
pest-free place of production	no	no
pest-free place of production and appropriate buffer zone	no	no
pest-free area	<b>Area freedom</b>	<b>Area freedom</b>
<b>Prohibition</b>	<b>Free from soil</b>	<b>Free from soil</b>
<b>Internal measures</b>		
surveillance and/or eradication campaign	no	no