NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas

NAPPO Expert Group: Lymantriids: Status Report

LYMANTRIIDS

COUNTRY	NAME	TITLE
USA	Lisa Kennaway	
USA	Glenn Fowler	
USA	Paul Chaloux	
Canada	Dave Holden	Chairperson
Mexico	Eduardo Jiménez Quiroz	Co-Chair
Mexico	Gustavo Gonzalez	
Mexico	Augusto Mirafuentes	
Mexico	Hector Enrique Vega	
Mexico	Clemente de Jesús García	
Mexico	Daniel Bravo Pérez	

Project

- Develop a NAPPO S&T document on the risks associated with lymantriids of potential concern to the NAPPO region, identifying potential species and pathways of concern.

Orgyia anartoides

Ken Walker, Museum Victoria PADIL

Olene mendosa

Sindhu ramchandran

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Audience

Primary: Asian Gypsy Moth expert group

Why: Inform potential revision of the RSPM #33

Secondary: Risk assessors and surveillance groups

Why: Potential to assist in identification, risk targeting, and surveillance

Group News

- Determined scope and time to complete the science and technology document. July 2018

- Departure of group chair: Gericke Cook

- Replacement with new Chair and Co-Chair
  - Dave Holden Chairperson
  - Eduardo Jiménez Quiroz Co-Chair

Progress

- Developed economic plant list (EPL) for NAPPO countries.
- Cross referenced entire Species list from the subfamily Lymantriinae ca. 2700 species) against the EPL to produce candidate species list for evaluation.
- Eliminated those species introduced and native to North America from our analysis.

Progress cont..

- 194 Candidate species considered (forestry or agricultural pests).
- 23 species evaluated thus far.
- Remainder divided up between NAPPO Lymantriid member countries.
- Aim to complete risk evaluation by January 2018.

Risk Summary Categories

- Phenology
- Dispersal
- Hosts
- Outbreak history/Impacts
- Trapping/Treatment

(chemical, cultural or biological control)

- Associated human pathways

(principal comodities)

- Climatic/Geographical Distribution

RISK TEMPLATE

Species: Common name:
Author: Date Modified:

Question	Answers	Score	Comments/References
Does this species occur within similar climate types to the NAPPO region?	Yes/No		
Known to feed on forests and/or crops of economic concern to the NAPPO region.	Yes/No		
*Mandatory "yes" answer to both questions above before proceeding.			
Adult female moths attracted to light	Yes (1) No (-1) Uncertain (0)		
Reports of contaminant during pest's overwintering stage	Yes, trade-related (2) Yes, non-trade (1) No (-2) Uncertain (0)		
Known to feed on other native NAPPO region hosts	Yes (1) No (-1) Uncertain (0)		
Reported to cause damage in native range, causing economic or environmental losses	Severe (3) Moderate (2) Low (1) None/Neglible (-2) Uncertain (0)		
Larvae capable of ballooning	Yes (1) No (-1) Uncertain (0)		
Adult females capable of flight	Yes (1) No (-1) Uncertain (0)		
Life history contains dormant stage to withstand harsh environmental conditions	Yes (1) No (-1) Uncertain (0)		
Capable of dispersing naturally more than 1km/year	Yes (1) No (-1) Uncertain (0)		
Reported to have allergenic properties	Yes (1) No (-1) Uncertain (0)		
TOTAL SCORE			

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Next Steps

- Complete remaining risk evaluation for each species.
- Highest risk candidates to be included in final summary and S&T final document.