



EPPO Platform on Pest Risk Analysis

<https://pra.eppo.int/>

Technical consultation between RPPOs
October 2019



EPPO's missions

Prevent entry and spread of harmful organisms (crops, forests, natural environments)

- Early warning/horizon scanning
- Recommendations on pests which should be regulated as quarantine pests (EPPO A1 and A2 Lists)
- Prepare standards (e.g. phytosanitary measures, diagnostic protocols)

Provide information to EPPO members on pests

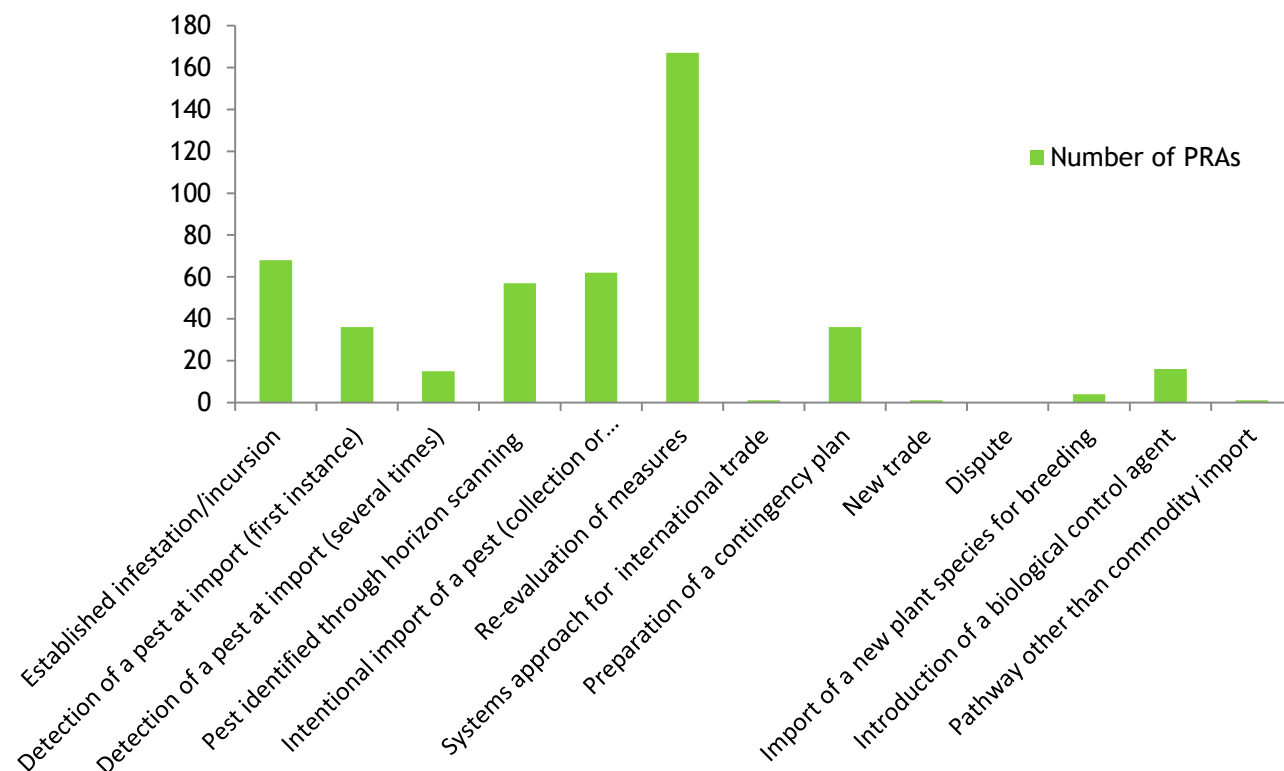
- Regulated pests
- Pests which may present a risk to the EPPO region



Background

EPPO survey on use of PRA schemes in 2016 showed that:

- Numerous PRAs are produced at national level (following an outbreak or a interception, to reevaluate regulated pests, etc.)
- Many EPPO countries intend to increase PRA activities



Background

- Useful to share national PRAs (e.g. 'interceptions PRAs' to raise awareness)
- Will save workload at national level
- Avoid duplication of work in different countries

Express – PRA¹⁾ for *Aromia bungii*

Prepared by: Dr. Gritta Schrader, Dr. Thomas Schröder; translated by Elke Vogt-Arndt

trigger: Occurrence in Bavaria, information from the Bavarian Plant Protection Service of 27-02-2012

Express - PRA	<i>Aromia bungii</i> (Faldermann)		
Phytosanitary Risk for Germany	high <input checked="" type="checkbox"/>	medium <input type="checkbox"/>	low <input type="checkbox"/>
Phytosanitary Risk for EU-MS	high <input checked="" type="checkbox"/>	medium <input type="checkbox"/>	low <input type="checkbox"/>
Certainty of Assessment	high <input type="checkbox"/>	medium <input checked="" type="checkbox"/>	low <input type="checkbox"/>



The Food & Environment
Research Agency

Rapid Pest Risk Analysis for *Aromia bungii*

This document provides a rapid assessment of the risks posed by the pest to the UK in order to assist Risk Managers decide on a response to a new or revised pest threat. It does not constitute a detailed Pest Risk Analysis (PRA) but includes advice on whether it would be helpful to develop such a PRA and, if so, whether the PRA area should be the UK or the EU and whether to use the UK or the EPPO PRA scheme.



STAGE 1: INITIATION

1. What is the name of the pest?

Aromia bungii (Faldermann) (Coleoptera, Cerambycidae): the peach red-necked longhorn, plum and peach longhorn or red-necked longhorn beetle.

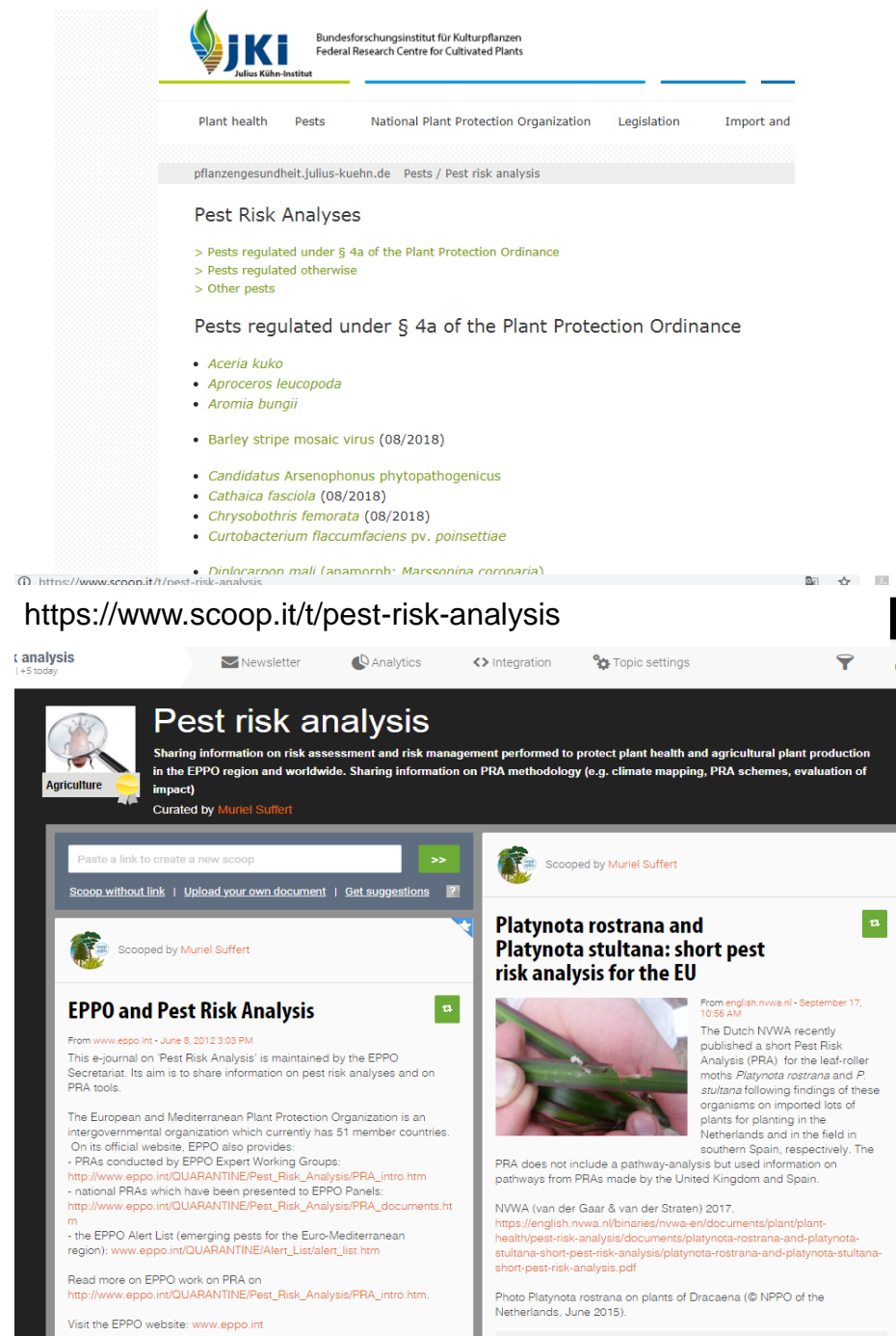
National Plant Protection Organization

Quick scan number: QS-ENT-2012-06

Quick scan date: 17 -01-2013	
1	<p>What is the scientific name (if possible up to species level + author, also include (sub)family and order) and English/common name of the organism? Add picture of organism/damage if available and publication allowed.</p> <p><i>Aromia bungii</i> Faldermann, 1834 (2, 5)</p> <p>Coleoptera, Cerambycidae, Cerambycinae, Callichromatini. (2, 8)</p> <p>Redneck longhorned beetle, the Plum and Peach longhorn, Red-necked longicorn beetle (4,7,12)</p> <p>Moschusbockkäfer (6)</p> <p>Adult male (Foto see www.cerambycoidea.com/foto.asp?id=813)</p>
	 

Background

- Some countries already post their PRAs on Internet
- EPPO, EFSA PRAs available online
- In some countries, no existing structure to publish/share PRAs
- Good to find all PRAs in one place



The image displays two screenshots related to pest risk analysis (PRA) resources.


Top Screenshot: JKI Website
 The top screenshot shows the homepage of the Julius Kühn-Institut (JKI), Bundesforschungsinstitut für Kulturpflanzen (Federal Research Centre for Cultivated Plants). The navigation bar includes links for Plant health, Pests, National Plant Protection Organization, Legislation, and Import and. Below the navigation bar, there is a section titled "Pest Risk Analyses" with links to "Pests regulated under § 4a of the Plant Protection Ordinance", "Pests regulated otherwise", and "Other pests". A list of pests regulated under § 4a of the Plant Protection Ordinance is provided, including *Aceria kuko*, *Aproceros leucopoda*, *Aromia bungii*, Barley stripe mosaic virus (08/2018), *Candidatus Arsenophonus phytopathogenicus*, *Cathaica fasciola* (08/2018), *Chrysobothris femorata* (08/2018), *Curtobacterium flaccumfaciens* pv. *poinsettiae*, and *Dinlocarion mali* (anamorph: *Marssonina cornaria*). The URL <https://www.scoop.it/t/pest-risk-analysis> is visible in the browser address bar.

Bottom Screenshot: Scoop.it Website
 The bottom screenshot shows the Scoop.it website, which is a platform for sharing information on risk assessment and risk management performed to protect plant health and agricultural plant production in the EPPO region and worldwide. The website is curated by Muriel Suffert. It features a search bar, a "Scoop without link" button, and a "Upload your own document" button. A featured article titled "EPPO and Pest Risk Analysis" is displayed, along with a section titled "Platynota rostrana and Platynota stultana: short pest risk analysis for the EU". The article includes a photograph of a plant with a pest and text describing the findings of the analysis.

Purpose EPPO PRA Platform

- Share PRA activities in the EPPO region
- In scope:
 - National PRAs (incl. interception PRAs, quick scans) on all types of pests in different languages
 - PRAs in progress
 - Plans to conduct a PRA
- The platform also includes
 - PRAs produced by EPPO and by EFSA
 - Some PRAs from EU projects and published as scientific articles (posted by the Secretariat)

https://pra.eppo.int/



EPPO Platform
on PRAs

advanced search...

[Sign up](#)
[Login](#)

[Home](#) [Browse PRAs](#) [Browse by type of pests](#) [Useful links](#) [Download user guide](#)

EPPO Platform on PRAs

Background

A survey conducted by **EPPO** showed that many Pest Risk Analyses are produced at the national level and that providing a database to present them would be useful for EPPO countries, to increase awareness on new pests and share knowledge.

The beta version of this database was tested by users in early 2018 and a subsequent version was made publicly available in September 2018.

Go to EPPO website to read more on [EPPO activities on PRA](#).

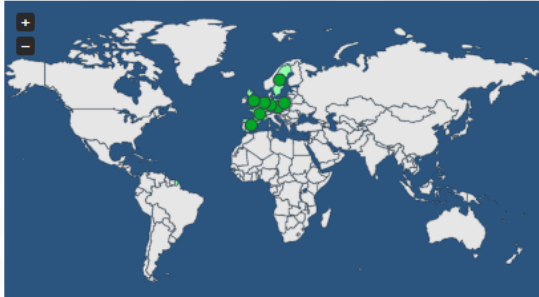
Purpose

This platform aims to share information on activities on evaluation of pest risk in the EPPO region. It includes national PRAs produced by **EPPO countries** (e.g. Express PRAs, quick scans, interception PRAs, commodities PRAs) on all pests including invasive plants in any language. Countries may also share draft PRAs, or plans for future PRAs.

Please note that only part of the information is public and more information is available to registered users (e.g. draft PRAs, PRAs from non-EPPO countries).

EPPO is not responsible for the content and conclusions of the PRAs prepared by other entities and presented in this platform.


Countries participation



• Czech Republic 1	• Netherlands 79
• EPPO 334	• Poland 60
• EU 220	• Spain 1


Tweets

by [@MurielSuffert](#)



EPPO Pest Risk
[@MurielSuffert](#)

Tetranychus mexicanus was added to the EPPO Alert List. This polyphagous spider mite was first found in the Netherlands in 2018 in a greenhouse on ornamental plants imported from Central America. epo.int/ACTIVITIES/pla...



Tetranychus mexicanus
EPPO
epo.int

3s

Access to documents on the Platform

- Most PRAs currently posted by EPPPO countries are freely accessible
- An institute can decide to post their PRAs as 'private'. They will not be visible, it is a way to store and manage PRAs within their team of users

nameinstitute ^	Title	Date publi	Visibility
Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail ▼	Search...	Search	- selec ▼
Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail	Analyse de Risque Phytosanitaire portant sur <i>Plasmopara halstedii</i> agent responsable du mildiou du tournesol	2018-02-16	Public
Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail	ANSES opinion on a "pest risk analysis for huanglongbing disease in the European Union"	2019-09-18	Public
Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail	Évaluation du risque simplifiée (ERS) des complexes d' <i>Alternaria</i> sp. responsables des maladies de taches foliaires des pommiers (dont <i>Alternaria mali</i>)	2018-02-13	Private
Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail	Revised ANSES opinion on the efficacy of the <i>Ophraella communa</i> beetle used as a biological control agent against common ragweed and assessment of the possible associated risks	2019-09-18	Public

Registering on the EPPO PRA Platform

- Each EPPO country can create an account for its NPPO, as well as for relevant agencies
- Only registered institutions can post PRAs on this platform
- Code for registration provided to contact points

Register on EPPO PRA Platform

★ Required

About you

Full name ★

Email ★

About your organization

Organization name ★

Organization acronym

Country ★

About your account


Password ★

Confirm the password ★

Code for registration

Code ★

Anti-bots

☐ Je ne suis pas un robot 
reCAPTCHA
Confidentialité - Conditions

Register

Registering on the EPPO PRA Platform

- For each 'Institute':
 - Short description
 - Contact details (important for further collaboration)
 - Can create different users

[Home](#) [Browse PRAs](#) [Browse by type of pests](#) [Useful links](#)

My institute

Main information

Institute name

TEST institute

Institute acronym

TEST

Website

<https://www.pra.testinstitute.gd>

About institute

Short description


TEST institute has only been added to the EPPO Platform on PRA to present the database to potential users.
It is based in Greenland.

About contact points

Please provide contact details for the institute (e.g. an e-mail address that other registered users may contact to get further details on a PRA)

This information will be protected by a captcha to avoid spam

Logo



Delete

Manage users

Posting PRAs

- PRAs indexed by
 - EPPO Codes (pest/plant)
 - PRA area
 - Date
 - Keywords
- Possibility to post different files / URL
- For each PRA, choose public or restricted access
- Possibility to post numerous PRAs as bulk (specific procedure)

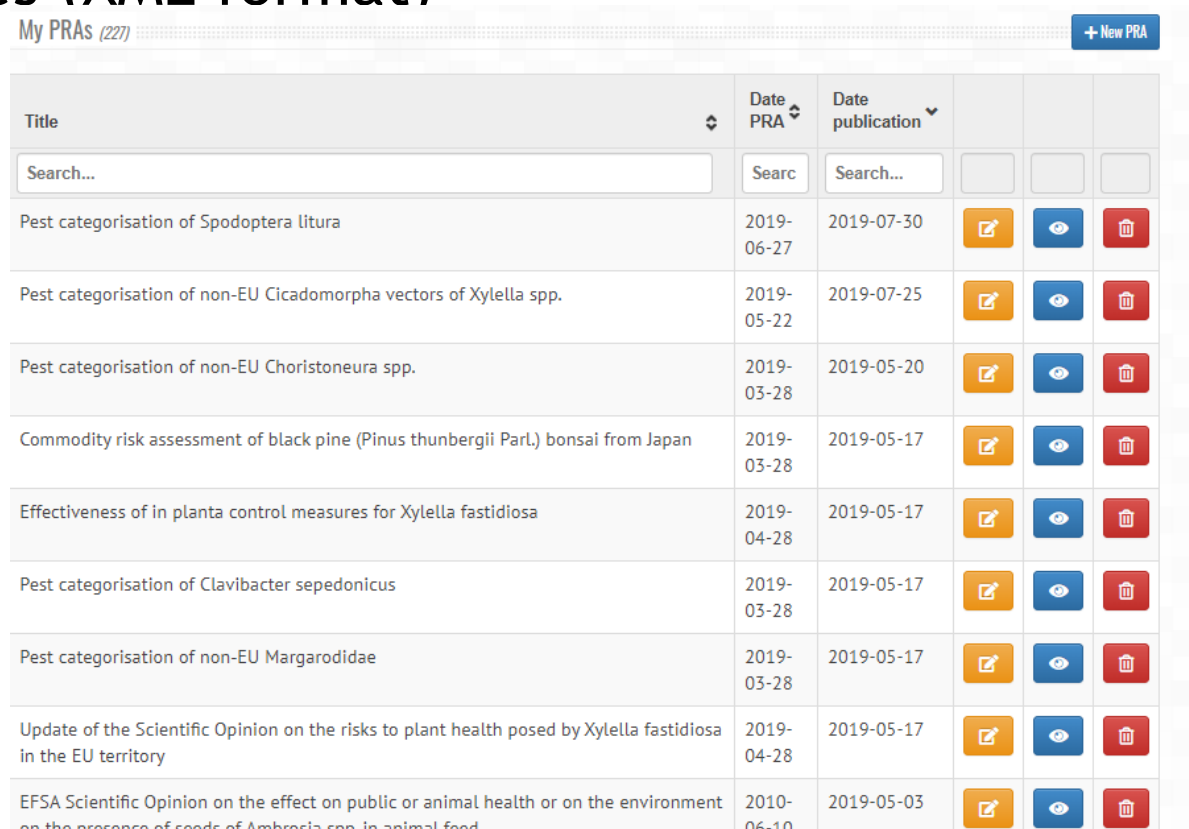
The screenshot displays a web form for posting a Plant Risk Assessment (PRA). The form is organized into several sections:

- Main information:** Includes a 'Title' field with the text 'PRA on a very dangerous pest' and a 'Description' field with the text 'This is a draft PRA on a very dangerous pest that I want to share only with registered users'. The description field has a character count of 92. Below the description is a 'Date of the PRA' field showing '2018-05-02' and a calendar icon, with a note to 'Select in the calendar or type the date in the following format yyyy-mm-dd'. A green 'Save' button is at the bottom of this section.
- PRA area:** Includes a 'PRA area' field with 'Greenland' selected, a 'Select countries' dropdown menu, and a green 'Add' button.
- Keywords:** Includes a 'Keywords' field with 'plantsforplanting' and 'wood' selected, and a green 'Add' button.
- Publication:** Includes a 'PRA visibility?' dropdown menu set to 'Visible for registered users only' and a green 'Save' button.
- Files:** A table listing uploaded files with columns 'Type' and 'File'. The table contains four rows: 'Appendix' with file 'appendix_dangerous_pest.xlsx', 'Other' with file 'link', 'Pest Risk Analysis' with file 'Test PRA on a very dangerous pest.docx', and 'Other' with file 'Tropidosteptes pacificus.jpg'. Each row has a red trash icon to its right.

At the bottom right, there is a blue 'Preview' button and an orange 'Close' button.

Managing PRAs

- The Platform will allow NPPOs to retrieve all PRAs produced over years
- If needed information can be pushed to other databases (XML format)



The screenshot displays a web interface titled "My PRAs (227)" with a "+ New PRA" button. Below the header is a table with columns for Title, Date PRA, Date publication, and three action buttons (edit, view, delete). A search bar is located above the table. The table lists several pest risk assessments, including pest categorisations for *Spodoptera litura*, *Xylella* spp., and *Clavibacter sepedonicus*, as well as commodity risk assessments and scientific opinions.

Title	Date PRA	Date publication			
<input type="text" value="Search..."/>	<input type="text" value="Search"/>	<input type="text" value="Search..."/>			
Pest categorisation of <i>Spodoptera litura</i>	2019-06-27	2019-07-30			
Pest categorisation of non-EU Cicadomorpha vectors of <i>Xylella</i> spp.	2019-05-22	2019-07-25			
Pest categorisation of non-EU <i>Choristoneura</i> spp.	2019-03-28	2019-05-20			
Commodity risk assessment of black pine (<i>Pinus thunbergii</i> Parl.) bonsai from Japan	2019-03-28	2019-05-17			
Effectiveness of in planta control measures for <i>Xylella fastidiosa</i>	2019-04-28	2019-05-17			
Pest categorisation of <i>Clavibacter sepedonicus</i>	2019-03-28	2019-05-17			
Pest categorisation of non-EU <i>Margarodidae</i>	2019-03-28	2019-05-17			
Update of the Scientific Opinion on the risks to plant health posed by <i>Xylella fastidiosa</i> in the EU territory	2019-04-28	2019-05-17			
EFSA Scientific Opinion on the effect on public or animal health or on the environment on the presence of seeds of <i>Ambrosia</i> spp. in animal feed	2010-06-10	2019-05-03			

Searching PRAs

[advanced search...](#)

By organism

- *Acacia longifolia* 1
- *Acalitus vaccinii* 1
- *Acanthoscelides obtectus* 1
- *Acaphylla theae* 1
- *Acarida* 1
- *Acarus siro* 1
- *Accuminulia buscki* 2

By host plant

! Indexing in progress

- *Abelmoschus esculentus* 8
- *Abies* 8
- *Abies amabilis* 3
- *Abies balsamea* 2
- *Abies concolor* 3
- *Abies grandis* 3
- *Abies lasiocarpa* 3

By PRA area

- APPPC 1
- Austria 1
- Canada 1
- COSAVE 1
- Czech Republic 1
- EPPO 187
- EU 353

By institute

- Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail 3
- Central Institute for Supervising and Testing in Agriculture 1
- Departement for environment, food and rural affairs 53
- European and Mediterranean Plant Protection Organization 310
- European Food Safety Authority 220

By country

- Czech Republic 1
- EPPO 334
- EU 220
- France 3
- Germany 40
- Netherlands 79
- Poland 60

By date when published in this platform

- 2019-10 8
- 2019-09 7
- 2019-08 2

By PRA date

- 0000-00 2
- 2019-11 2
- 2019-10 1
- 2019-09 3

By keyword ?

! Indexing in progress

- *Acraea acerata* 1
- Africa 1
- *Agrilus mancin* 1
- *Ambrosia beetle* 5

Browse by type of pests

Main category	Organism	Nb PRA
<div>Viruses and viroids</div> <div> <div>- select -</div> <div>Acari</div> <div>Bacteria</div> <div>Chromista</div> <div>Fungi</div> <div>Gastropoda</div> <div>Insecta</div> <div>Nematoda</div> <div>Plantae</div> <div>Platyhelminthes</div> <div>Viruses and viroids</div> </div>	<div>Search...</div>	
	Alstroemeria necrotic streak virus	1
	Apple stem grooving virus	1
	Arabidopsis mosaic virus	2
	Banana bract mosaic virus	1
	Banana mild mosaic virus	1
	Banana streak virus	1
Viruses and viroids	Bean necrotic mosaic virus	1
Viruses and viroids	Beet curly top virus	1
Viruses and viroids	Beet leaf curl virus	1
Viruses and viroids	Blueberry red ringspot virus	1
Viruses and viroids	Blueberry scorch virus	1
Viruses and viroids	Blueberry shoestring virus	1

Bursaphelenchus xylophilus

- **Preferred name:** Bursaphelenchus xylophilus
- **EPPO Code:** BURSXY
- **Link to EPPO Global Database:** <https://gd.eppo.int/taxon/BURSXY>



Other Scientific names

- Aphelenchoides xylophilus
- Bursaphelenchus lignicola
- nematodo de la madera del pino (es)
- dépérissement des pins (fr)
- nématode du bois de pin (fr)
- nématode du pin (fr)
- nematode del pino (it)
- dennenhoutnematode (nl)
- węgorek sosnowiec (pl)

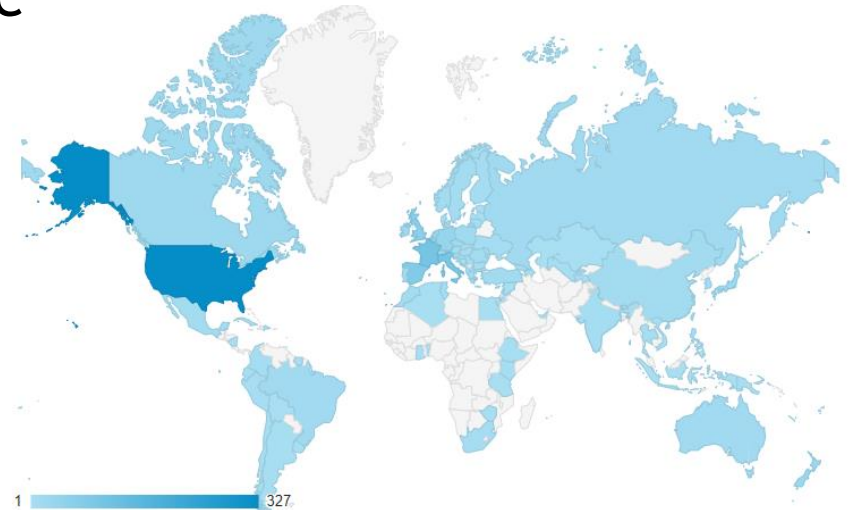
List of PRAs (Organism)

Title ^	Date PRA ^	Date publication ^
<input type="text" value="Search..."/>	<input type="text" value="Search..."/>	<input type="text" value="Search..."/>
EPPO PRA for <i>Bursaphelenchus xylophilus</i>	2009-09-30	2018-02-13
Pest Risk Analysis (PRA) for the territories of the European Union (as PRA area) on <i>Bursaphelenchus xylophilus</i> and its vectors in the genus <i>Monochamus</i>	1996-06-01	2018-07-27
Scientific Opinion on comments provided by Portugal on the phytosanitary risk associated with <i>Pinus pinea</i> for the spread of pine wood nematode	2013-03-20	2018-07-25
Scientific Opinion on the phytosanitary risk associated with some coniferous species and genera for the spread of pine wood nematode	2011-12-22	2018-07-25
Statement on a study proposal prepared by US to support a derogation request from the EU import requirements for wood packaging material used to pack and transport military ammunition	2010-01-26	2018-08-30

Where are we now?



- Platform released in September 2018
- In 2019-09, 17 EPPO countries have accounts, 9 share PRAs
- EFSA regularly upload its new PRAs/categorizations
- Outcomes of the RNQP project included
- More than 800 documents available
- Platform consulted worldwide



Opening the Platform to other countries?

- When the platform was advertised, experts from outside the EPPO region asked whether they could also share PRAs via the platform.
- Discussed within EPPO and considered interesting, as:
 - Data available in existing PRAs (e.g. pest lists) could save work to assess risks for EPPO countries
 - It could help identify new types of imports of potential risks
 - It would give access to PRAs from countries that currently do not post them on Internet



Opening the Platform to other countries?

- EPPO is very much in favor of sharing PRAs globally and share experience in this way if no other RPPOs have plans for or have a similar platform.
- EPPO would like to know whether other RPPOs agree
 - to register NPPOs from their region
 - that EPPO would not actively promote the PRA platform outside the EPPO region but register NPPOs from outside the EPPO region upon their request

Upon registration, NPPOs from non-EPPO countries will receive a login to post their PRA on the platform. Moreover, other organizations within their country may then be authorized by the NPPO to upload PRAs on the platform. This is the same procedure as used within the EPPO region.