European and Mediterranean Plant Protection Organization
Organisation Européenne et Mediterranéenne pour la Protection des Plantes

EPPO highlights for 2016

Event NAPPO Annual Meeting, Montreal, Canada

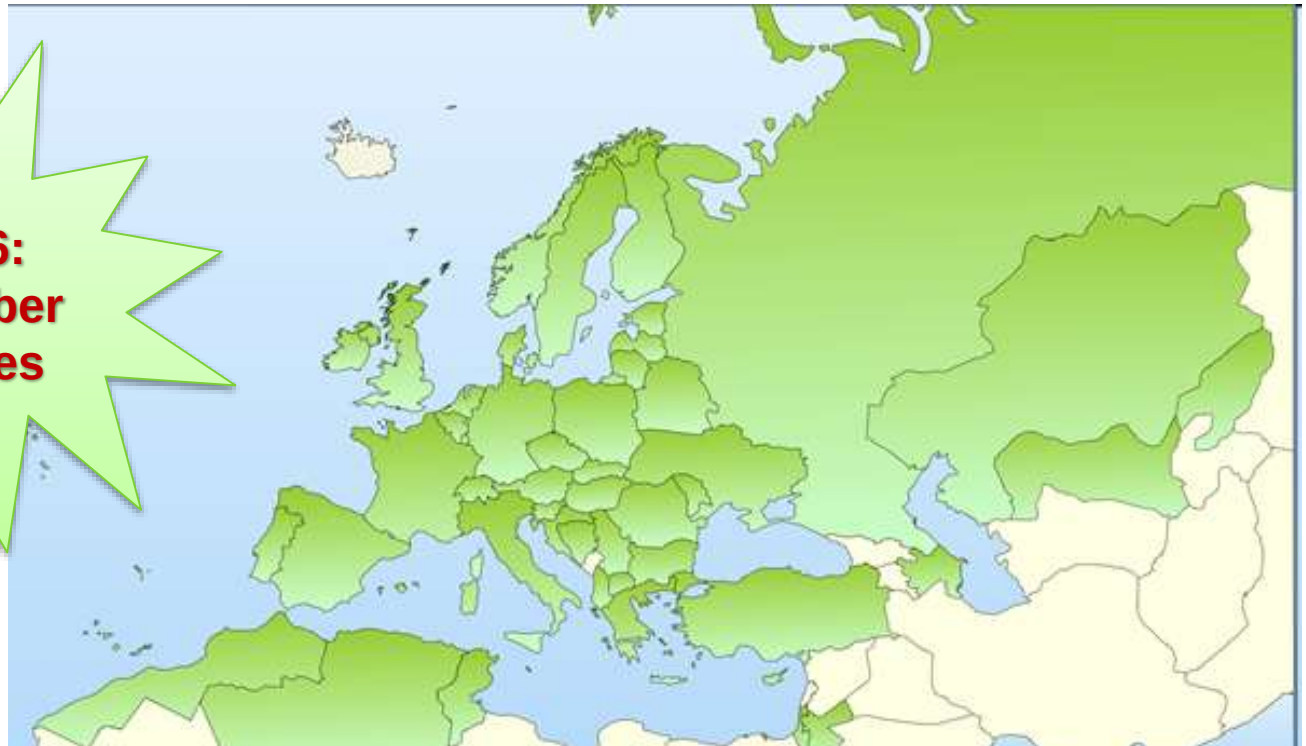
Date 2nd November 2016

Françoise Petter (Assistant Director) - hq@eppo.int

European and Mediterranean Plant Protection Organization

- **EPPO Created in 1951 by 15 countries**
- **International cooperation in plant protection (plant quarantine and plant protection products)**

In 2016:
51 member countries



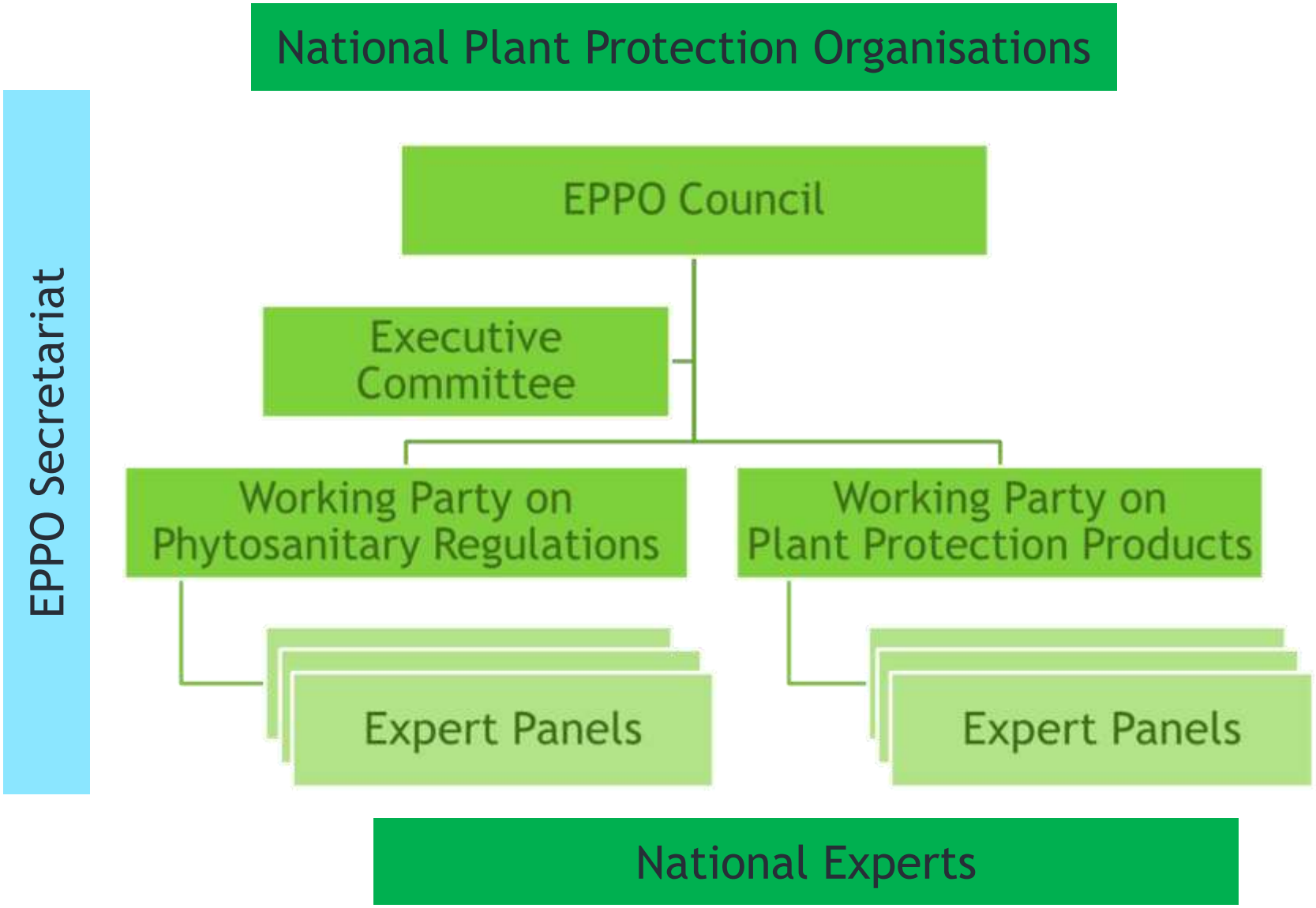
Remit

- Efficacy of plant protection products
- Plant quarantine
- Invasive alien plants
- Biological control agents
- Plant certification schemes (not currently active)

by:

- Drafting and adoption of regional technical standards
- Input to development of international standards
- Sharing information and expertise through networks

Organisation



EPPO technical groups

Panels & EWG

Panels are composed of experts nominated by EPPO member countries

Meet once a year (or twice)

Prepare draft recommendations most of which in the form of Standards

Working Parties (composed of representative of NPPOs)
Phytosanitary Regulations
Plant Protection Products

Active Panels

Plant Protection Products

- General Standards
- Herbicides
- Insecticides and Fungicides
- Resistance
- Harmonisation of Data Requirements

Phytosanitary Regulations

- Global Affairs
- Phytosanitary Measures
- Forestry
- Potatoes
- Inspection Procedures
- Information
- Diagnostics (General) +
  - Entomology
  - Nematology
  - Bacteriology
  - Mycology
  - Virology & Phytoplasmology
- Invasive Alien Plants
- Biological Control Agents

Ad hoc Expert Working Groups

- Mainly for Pest Risk Analyses (five per year)
- Nominated by countries, selected by secretariat
- Experts in specific aspects of risk
- Include experts from continents where pest is present
- Expenses paid from EPPO budget

EWG for performing a PRA on *Lycorma delicatula (February 2016)*

Participants from NAPPO
Leo DONOVALL (Pennsylvania Department of Agriculture, USA). via Skype during the entire meeting!
As well as Lawrence Barringer and Sven-Erik Spichiger

Secretariat

Martin Ward	Director General
Françoise Petter	Assistant Director
Vlasta Zlof	Scientific Officer (Plant Protection)
Andrei Orlinski	Scientific Officer (Forestry and Biocontrol)
Anne-Sophie Roy	Information Officer
Muriel Suffert	Scientific Officer (Potatoes and PRA)
Rob Tanner	Scientific Officer (Invasive Alien Plants)
Valerio Lucchesi	Scientific Officer (Plant Protection)
Camille Picard (seconded by FR)	Scientific Officer (mainly RNQPs)
Damien Griessinger	Information Technology Officer
Madeleine McMullen	Managing Editor
Eliane Madène	Administrator
Jocelyne Cesari	Secretary
Cintia Mauchien	Administrative Assistant
Baldissera Giovani	Euphresco Co-ordinator
Jeroen Meeussen	EU Minor Uses Co-ordinator

Some highlights for the year 2016…

Plant Protection Products

"EU Minor Uses Co-ordination Facility" in motion:

6 Commodity Expert Groups (CEG) (2 meetings in 2016):

- CEG fruit and vegetables
- CEG ornamentals
- CEG tobacco
- CEG rice
- CEG hops
- CEG seeds

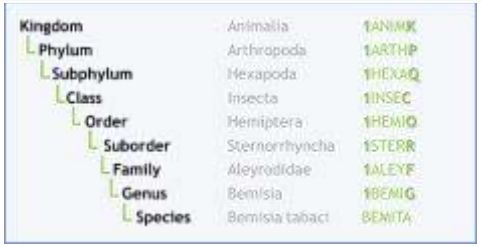
- sharing of information and experience at national level;
- coordination of minor use work between Member States and stakeholders;
- creation and maintenance of a data base on minor uses;
- stimulation of harmonisation (e.g. crop group and pest group definitions, development of guidance).

EPPO Codes

- Two types of EPPO Codes (taxonomic and non-taxonomic) in one single database (EPPO Global Database).

Non-taxonomic codes	Taxonomic codes
Draft classifications of codes for **Crop Groups** (i.e. groups, sub-groups, list of species) prepared : • Arable crops - including cereals • Fruit • Vegetables • Herbs, spices and medicinal plants • Ornamentals (top levels only) ***Useful for exchange of data for plant protection products authorization***	• Codes for over 30,000 pests and 30,000 host plants • c. 2,000 new codes added each year • Taxonomic structure • 120,000 common names in > 20 languages • Used (and originally developed) by pesticide industry • Key to EPPO, EU, IPPC and national databases • Free to users, with recovery of costs for new codes

***EPPO Ad hoc* Panel on Harmonization of data on PPP**



Information Services: new “EPPO Global Database”

Pest-specific documents

Datasheets

Pictures
Reporting Service
Pest Risk Analysis

Pest-specific Standards

Diagnostic protocols
National Regulatory control systems
Phytosanitary treatments

EPPO coding system

Plant & pest names
Elements of taxonomy
EPPO codes

PQR data

Host plants
Distribution lists & maps
Categorization
Pathways

gd.eppo.int

EPPO Global Database

Search by name or EPPO code... Go!

advanced search...

Login

Register

Home | Standards | Photos | Reporting Service | Explore by

Xylella fastidiosa (XYLEFA)

MENU

- Overview
- Distribution
- Host plants
- Host commodities
- Categorization
- Reporting
- Photos
- Documents →

Associated EPPO Standards

Number	Title	Download
PM1/002(24)	EPPO A1 and A2 Lists of pests recommended for regulation as quarantine pests (2015)	Download
PM3/076(1)	Trees of *Malus, Pyrus, Cydonia* and *Prunus* spp. – inspection of places of production	Download
PM3/081(1)	Inspection of consignments for *Xylella fastidiosa*	Download
PM3/082(1)	Inspection of places of production for *Xylella fastidiosa*	Download
PM4/032(1)	Certification scheme for *Sambucus*	Download
PM7/024(2)	*Xylella fastidiosa*	Download

Associated documents

EPPO Datasheets

Lang	Title	Comments	Download
	Data sheet on Xylella fastidiosa		Download

Common names

fastidiosa, Phaeoacremonium spp., Phaemoniella spp., and Zeuzera pyrina have been found in association with

Courtesy: M. Scortichini, Istituto Sperimentale per la Frutticoltura, Rome (IT).

Courtesy: M. Scortichini, Istituto Sperimentale per la Frutticoltura, Rome (IT).

Raising awareness activities: posters (in preparation)

Project on Regulated Non-Quarantine Pests

RNQP status introduced in the new EU Plant Health Law (PHL)
A two year project funded by the EU COM launched in April 2016 (covering taxonomy, evaluation of the RNQP status, risk management measures, tolerance levels)

PHASE 1:

- Development of a **methodology** (completed)
- Call for evidence from Member States and stakeholders (**questionnaire sent data being gathered**)

PHASE 2:

- 6 **sector-EWG** established to apply the methodology in relation to different plants and crop groups.

Vegetable plants	Herbaceous and Woody Ornamentals	Fruits and Vine	Potatoes (EPPO Panel)	Forestry (EPPO Panel)	Agricultural species

Project on Invasive Alien Plants

LIFE IAP-RISK

Mitigating the threat of invasive alien plants to the EU through pest risk analysis to support the Regulation 1143/2014

Objectives

- **To prepare pest risk analysis for 16 invasive alien plants compliant with the EU Regulation no. 1143/2014,**
- **To facilitate knowledge transfer and capacity building in pest risk analysis within the EU.**

Life

CEH Centre for Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL

Xylella fastidiosa

- Revision of the EPPO Diagnostic protocol (consultation with US experts)

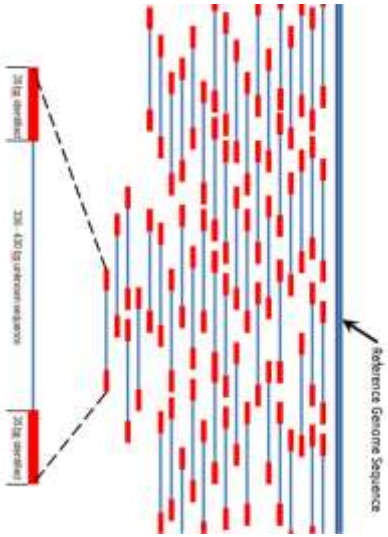
- Inspection standards:
  - Consignment inspections for *Xylella fastidiosa*
  - Inspection of places of production for *Xylella fastidiosa*

Diagnostics

- DNA barcoding as an identification tool for selected regulated pests

- Guideline on the authorization of laboratories to perform diagnostic activities for regulated pests (new based on the NAPPO RSPM 9)

- First discussions on the implications of new diagnostic tools such as Next Generation Sequencing



Commodity studies and commodity PRAs

EU project

EPPO's contribution is on pathways of introduction of fruit pests and pathogens

- Review of pest introductions into the EU
- Establish alert lists of pests for 4 fruit crops based on a screening process (Apple, Vaccinium, Citrus, Vitis)

Guidelines to establish pest lists in commodity PRAs *in preparation*

Based on the experience with commodity studies performed in recent years (tomato and DROPSA)

Biological control agents

- Decision support scheme for the import and release of biological control agents under developement

- Collaboration between EPPO and IOBC

Source: Agrobio S.L., (n.d.). Amblyseius montdorensis.

Sphaerophoria rueppellii
BioNostrum Pest Control S.L., Spain. .

Forestry: PM 8 Standards

Standards making recommendations about phytosanitary measures which should be used or required by EPPO member countries for certain commodities moving in trade to prevent introduction and spread of quarantine pests.

- PM 8/3 Quercus (revision)
- PM 8/3 Castanea (revision)
- PM 8/X Betula(new)
- PM 8/X Populus (new)
- PM 8/X Salix (new)

Euphresco (Plant Health Research Co-ordination) success story

- Started as an EU supported ERA-net in 2006
- Since 2014 a self sustaining network of members who are funders and managers of plant health research
- Members in 53 countries i.e. all EPPO Members **plus Canada & US**

- **Achievements so far**
  - 15 projects funded in 2015, total budgets about 3.2M€
  - 2016 - topic call round - 25 topics on shortlist
  - Provides advice on research priorities e.g. to EU

Welcomes new members who meet the criteria

Collaboration with NAPPO

- Longstanding relationship between the two RPPOs
- Instrumental (with others) in launching the IPPC Secretariat and the first International Standards
- Regular participation in each others' meetings
- Exchange of expertise and information
- Continue to work together to improve the global phytosanitary framework
- Regional Organizations have a key role in delivering better implementation (e.g. NAPPO work on ISPM15)

EPPO succeeds only through collaboration between experts in the region and beyond …
Thank you for your attention