



# The European and Mediterranean Plant Protection Organisation

## a brief introduction

Event: Webinar for users of EPPO Codes

Date: 7:3:2016

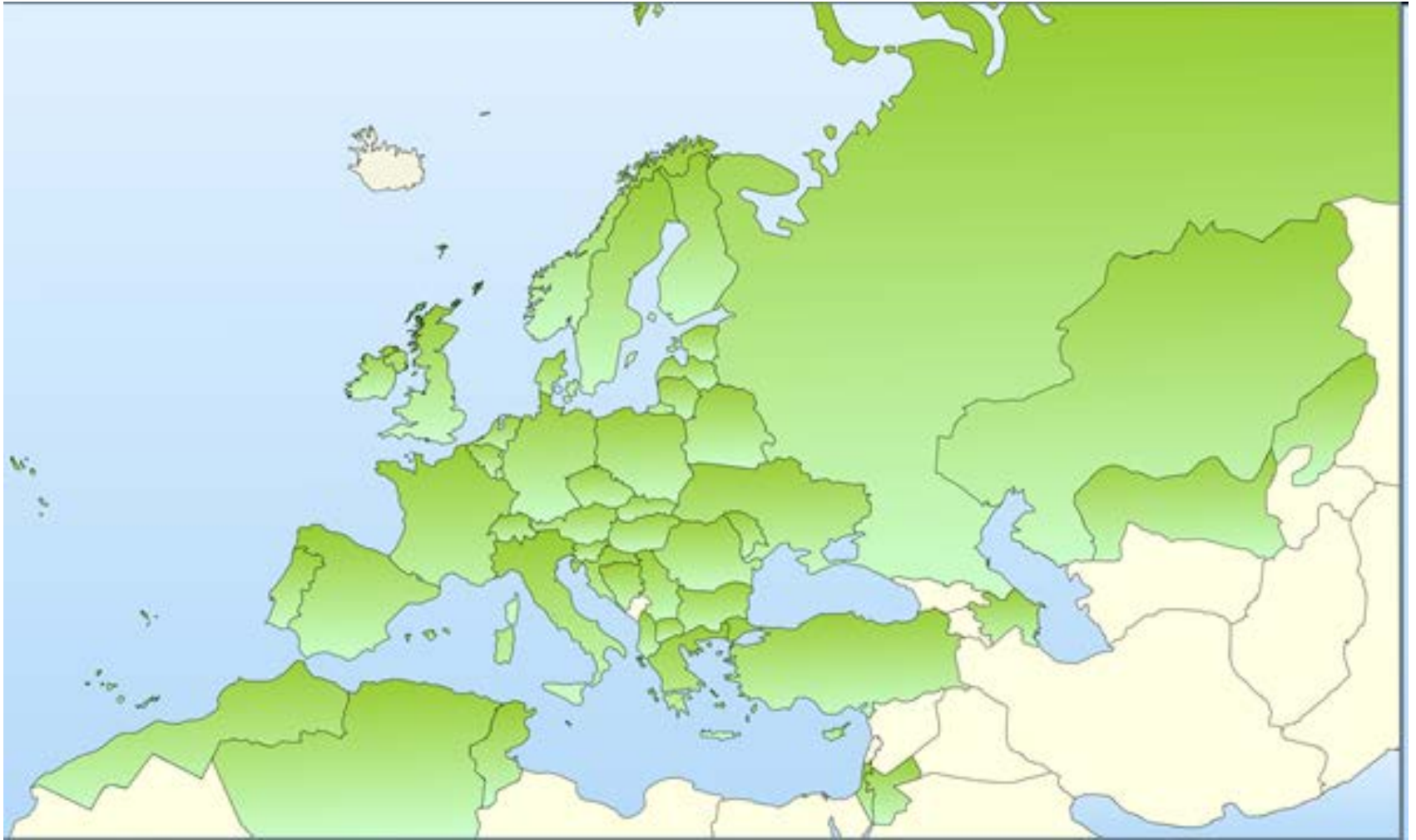
Martin Ward (Director General) - [hq@eppo.int](mailto:hq@eppo.int)

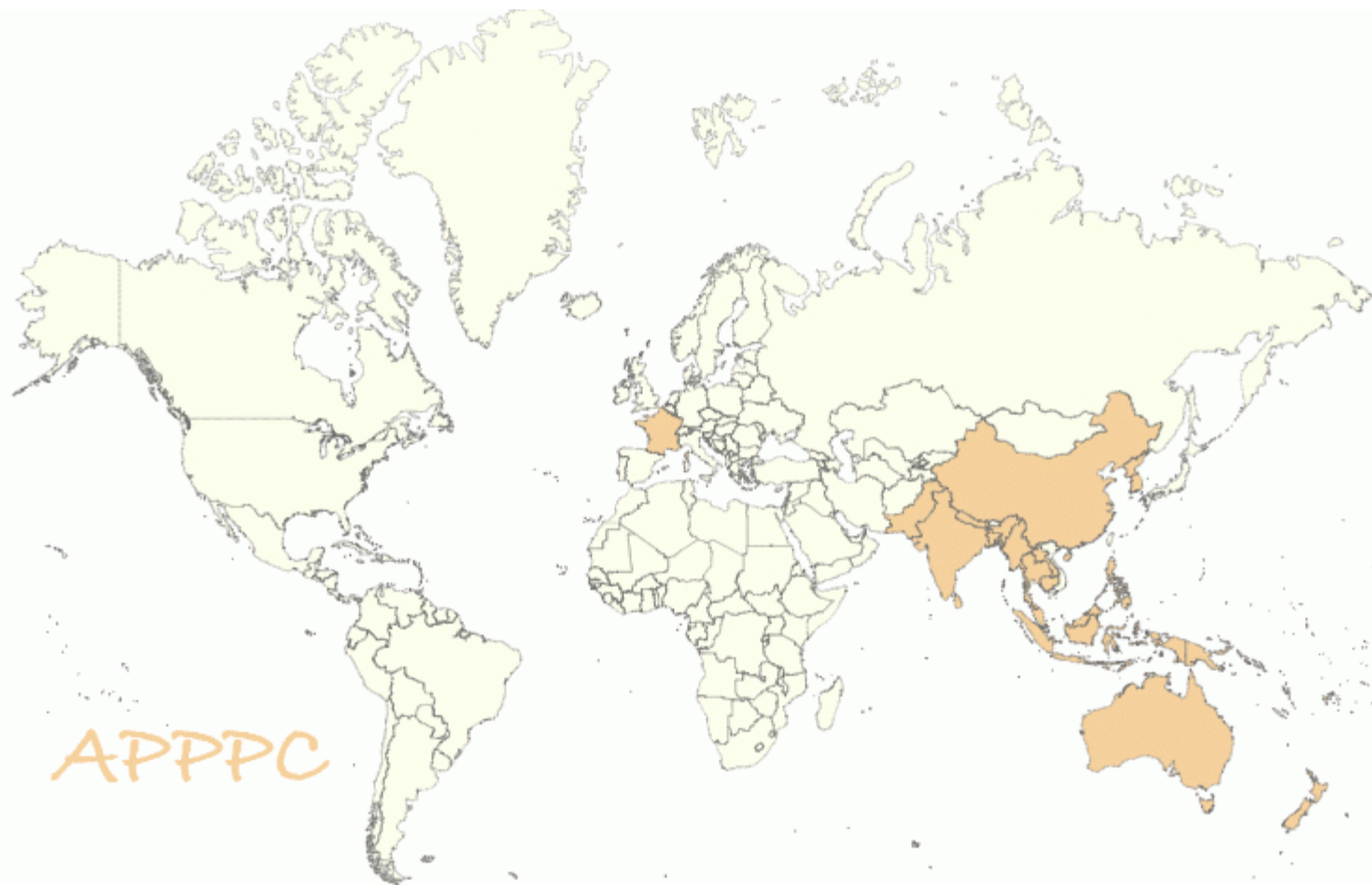


**1951 EPPPO Convention – 15 countries**

**Now 50 member countries**

**One of 9 RPPOs recognised under IPPC**





APDPC

# Aims (Convention, Article 1)

- a. to support the Member Governments in their aim of assuring plant health, while preserving human and animal health and the environment
- b. to pursue and develop, by cooperation between the Member Governments, the protection of plants and plant products against pests and the prevention of their international spread and especially their introduction into endangered areas
- c. to develop internationally harmonized phytosanitary and other official plant protection measures and, as appropriate, to elaborate standards to that effect
- d. to present the collective views of the Member Governments, as appropriate, to FAO, WTO, other regional plant protection organizations and any other bodies with related responsibilities.



# Remit

- Plant quarantine
- Efficacy of plant protection products
- 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 Secretariat (14 staff)



# Active Panels

## Plant Protection Products

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

## Phytosanitary Regulations

- Global Affairs
- Risks and Measures
- Forestry
- Potatoes
- Inspection Procedures
- Information
- Diagnostics (General) +
  - Entomology
  - Nematodes
  - Bacteria
  - Fungi
  - Virology
- Invasive Alien Plants
- Biological Control Agents

# 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)
- Damien Griessinger  
IT and Systems Manager
- 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
- Camille Picard  
Seconded from NPPO of France



# Some current activities ...



# Plant Protection Products

- Harmonisation of data from efficacy trials to enable mutual recognition of approvals between countries
- Now hosting the “EU Minor Uses Co-ordination Facility” funded by three member countries and the EU
- Discussions with FAO on making available PP1 Standards on Efficacy Testing to developing countries



# Horizon Scanning

- Seeing what pests are moving in the world to prioritise
  - Research
  - Surveillance
  - Regulation
  - Awareness raising
- Reporting Service - monthly news of pests on the move
- Alert List of pests not yet regulated
- Providing advice to International Plant Sentinel Network



# Pest Risk Analysis

- Standards on how to conduct Pest Risk Analysis
- 5 PRAs per year carried out by Expert Working Groups
- Recent work on analysing risks from pathways
  - Plants for planting
  - Tomato fruit
  - Wood chips and wood waste (issue of definitions!)
- Recommendations to member countries on which plant pests to regulate - the A1 and A2 lists



# Diagnostics

- Getting accreditation right for plant health labs
- Including molecular methods in diagnostic protocols
- Linking with IPPC work on global diagnostic standards
- Participation in an EU project on collections (Q-collect)
- Maintaining a database of experts in the EPPPO region



# EPPO Reporting Service: example of a first record

## EPPO Reporting Service – Pests & Diseases

### 2010/200 First record of *Anoplophora glabripennis* in the Netherlands

The NPPO of the Netherlands recently informed the EPPO Secretariat of the first record of *Anoplophora glabripennis* (Coleoptera: Cerambycidae - EPPO A1 List) on its territory. On 2010-11-16, the identity of the pest was confirmed on the basis of analysis of wing covers and DNA analysis of larval remains which had been found in 1 tree in a lane of *Acer pseudoplatanus* in the municipality of Almere. In total 16 exit holes and 3 larvae were detected in one tree. Observations indicated that some exit holes had been formed recently, whereas others were estimated to be at least three years old. The exact age of exit holes is still to be determined. Signs of the presence of *A. glabripennis* have also been detected on 6 adjacent trees in a lane of *A. pseudoplatanus* trees. These trees are located in an industrial area of Almere and were planted approximately ten years ago. In this area there are no tree nurseries and only a limited number of public or private gardens, but a nature conservation area is situated within the surveillance area of 1 kilometre radius around the infested site. It is considered that the most likely source of the outbreak is wood packaging material from Asia because there are several companies importing goods from Asia in the vicinity. Investigations are being carried out to identify the possible source of this infestation. The following phytosanitary measures aiming at a prompt eradication of *A. glabripennis* are being taken and include the following:

- 1) Destruction of all symptomatic trees, as well as all deciduous trees and shrubs (with a diameter of 2.5 cm or more) located within a range of 100 m from the infested trees. Each individual plant will be dissected and analysed by the national reference laboratory for any signs of the pest. It is envisaged to finalize tree destruction by January 2011.
  - 2) Restrictions on the movement of host plant material (with a diameter of more than 2.5 cm) within a range of 500 m around the infested trees. This material should be officially reported and destroyed according to official procedures.
  - 3) Specific surveillance (also involving specialized tree climbers) will be carried out on an annual basis within a radius of 1 000 m around the affected trees for at least the next four years.
- The pest status of *Anoplophora glabripennis* in the Netherlands is officially declared as: **Transient - Isolated outbreak, actionable, under eradication.**



nieuwe Voedsel en Waren Autoriteit  
Ministerie van Economische Zaken,  
Landbouw en Innovatie



Source:

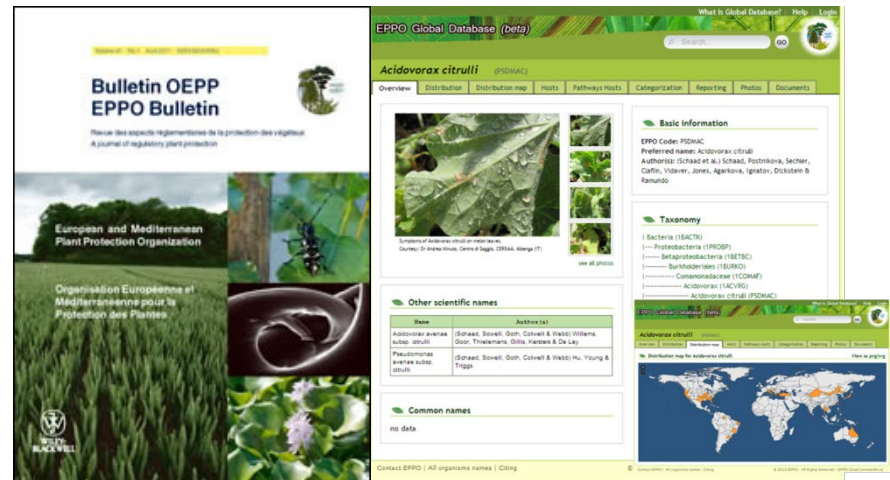
NPPO of the Netherlands (2010-11).

Additional key words: new record

Computer codes: ANOLGL, NL

# Information Services

- EPPO Bulletin
- Pest reporting system (linking soon to IPPC reporting)
- New “EPPO Global Database” combines
  - Data sheets
  - Risk assessments
  - Maps
  - Pictures
  - Reporting Service entries



The screenshot displays the EPPO Global Database interface for *Acidovorax citrulli*. The page is organized into several sections:

- Basic Information:** Includes the EPPO Code (PSDMAC), Preferred name (*Acidovorax citrulli*), and a list of authors.
- Taxonomy:** Shows the taxonomic classification from Kingdom (Bacteria) to Species (*Acidovorax citrulli*).
- Other scientific names:** Lists synonyms such as *Acidovorax avenae* and *Acidovorax citrulli* with their respective authors.
- Common names:** Currently shows "no data".
- Distribution:** A world map highlights the distribution of the pest, primarily in the Americas and parts of Europe and Africa.



## Acidovorax citrulli (PSDMAC)

[Overview](#)
[Distribution](#)
[Distribution map](#)
[Hosts](#)
[Pathways Hosts](#)
[Categorization](#)
[Reporting](#)
[Photos](#)
[Documents](#)


Symptoms of *Acidovorax citrulli* on melon leaves.  
Courtesy: Dr Andrea Minuto, Centro di Saggio, CERSAA, Albenga (IT)


[see all photos](#)

### Basic information

EPPO Code: PSDMAC

Preferred name: *Acidovorax citrulli*

Author(s): (Schaad et al.) Schaad, Postnikova, Sechler, Claflin, Vidaver, Jones, Agarkova, Ignatov, Dickstein & Ramundo

### Taxonomy

- | Bacteria (1BACTK)
- | --- Proteobacteria (1PROBP)
- | ----- Betaproteobacteria (1BETBC)
- | ----- Burkholderiales (1BURKO)
- | ----- Comamonadaceae (1COMAF)
- | ----- Acidovorax (1ACVRG)
- | ----- Acidovorax citrulli (PSDMAC)

### Other scientific names

Name	Author(s)
<i>Acidovorax avenae</i> subsp. <i>citrulli</i>	(Schaad, Sowell, Goth, Colwell & Webb) Willems, Goor, Thielemans, Gillis, Kersters & De Ley
<i>Pseudomonas avenae</i> subsp. <i>citrulli</i>	(Schaad, Sowell, Goth, Colwell & Webb) Hu, Young & Triggs.

### Common names

no data

EPPO Global Database (beta) What is Global Database? Help Login

Search... GO

## Acidovorax citrulli (PSDMAC)

Overview Distribution **Distribution map** Hosts Pathways Hosts Categorization Reporting Photos Documents

Distribution map for *Acidovorax citrulli* [View as png/svg](#)



# Contingency Planning

- Standard on “Generic Elements for Contingency Plans”
- EPPO Inspectors Workshop in 2014
- Exercising of contingency plans through mock outbreaks
- Encouraging learning from others’ experience



# Euphresco (Plant Health Research Co-ordination)

- Started as an EU supported ERA-net in 2006
- Now a self sustaining network funded by partners who are funders and managers of plant health research
- Hosted by EPPO
- 31 partners from 24 countries, including 16 NPPOs
- About 3.2M€ available for 13 projects in 2015
- Also provides advice on research priorities e.g. to EU
- Partners include some from outside EPPO region

