

What is a Pest of Regulatory Concern?

Joe Cavey
National Identification Services
USDA, APHIS, PPQ
Riverdale, MD

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Today's Topics

- Definition and examples of regulatory insect pest taxa
- NIS structure for survey taxonomic support and interface with NPDPN

National Identification Services

NIS



Credible, reliable, and responsive service

Definition of a Quarantine Pest

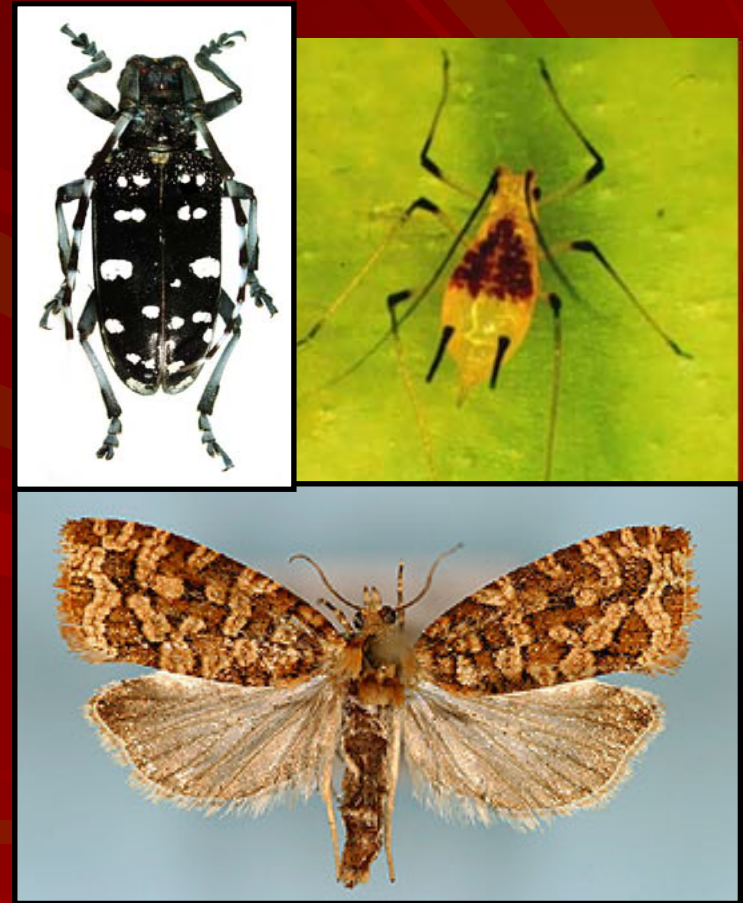
“A pest of potential economic [and/or environmental] importance to the area endangered thereby and not yet present there, or present but not widely distributed and being officially controlled.”

(Food and Agricultural Organization
of the United Nations)



Examples of Plant Pest Groups

- Aphids, whiteflies, hard & soft scales
- Most moths, thrips
- Many bugs, e.g. “Pentatomidae not Asopinae”
- Many beetles, flies
- Some wasps, e.g. sawflies, seed wasps



Survey Identifier Positions Update

- Entomologist, Gainesville, FL – Filled
- Plant Pathologist, Manhattan, KS – Filled
- Plant Pathologist, Penn State – Filled
- Forest Entomologist, Purdue – Filled
- Entomologist, WR – location under negotiation

National Identification Services

Branch Chief
Administrative Assistant

Coordination & Policy

Pest Data Mgmt Team

Molecular Diagnostic
Laboratory

National Taxonomists

Entomologist
Botanist
Agriculturalist
Agriculturalist
Domestic
Diagnostic
Coordinator

Agric. Team Leader
Agriculturalist
Agriculturalist
Data Entry Clerks

Lab Director
Molecular Scientists
Support Scientists
Biotechnician

Plant Pathologist
Coccidologist
Lepidopterist
Malacologist
Botanist
Botanist

Cooperating Taxonomists and Institutions

**Systematic Botany
& Mycology Laboratory**
(USDA ARS)
PPQ & ARS Pathologists

**Academy of Natural
Sciences Philadelphia**
PPQ Malacologist
Backup Malacologists

Nematology Laboratory
(USDA ARS)
ARS Nematologists

Bee Laboratory
(USDA ARS)
ARS Entomologists

**Museum of Biological
Diversity** (The Ohio State
University, Columbus, Ohio)
PPQ Lepidopterist

Tick Laboratory
(USDA ARS)
Ames, Iowa
ARS Acarologist

**Various state & university
diagnostic laboratories**

Cooperating Taxonomists: Entomology

Systematic Entomology Laboratory (USDA, ARS)

Coleoptera (3)

Lepidoptera (4)

Diptera (3)

Hymenoptera (3)

Thysanoptera/Orthoptera (1)

Homoptera (3)

Heteroptera (1)

Molecular (1)

Acari (1)

Extended SEL

Contacts:

Elateridae

Buprestidae

Others, as needed

SEL Retired

Cooperators:

Thysanoptera

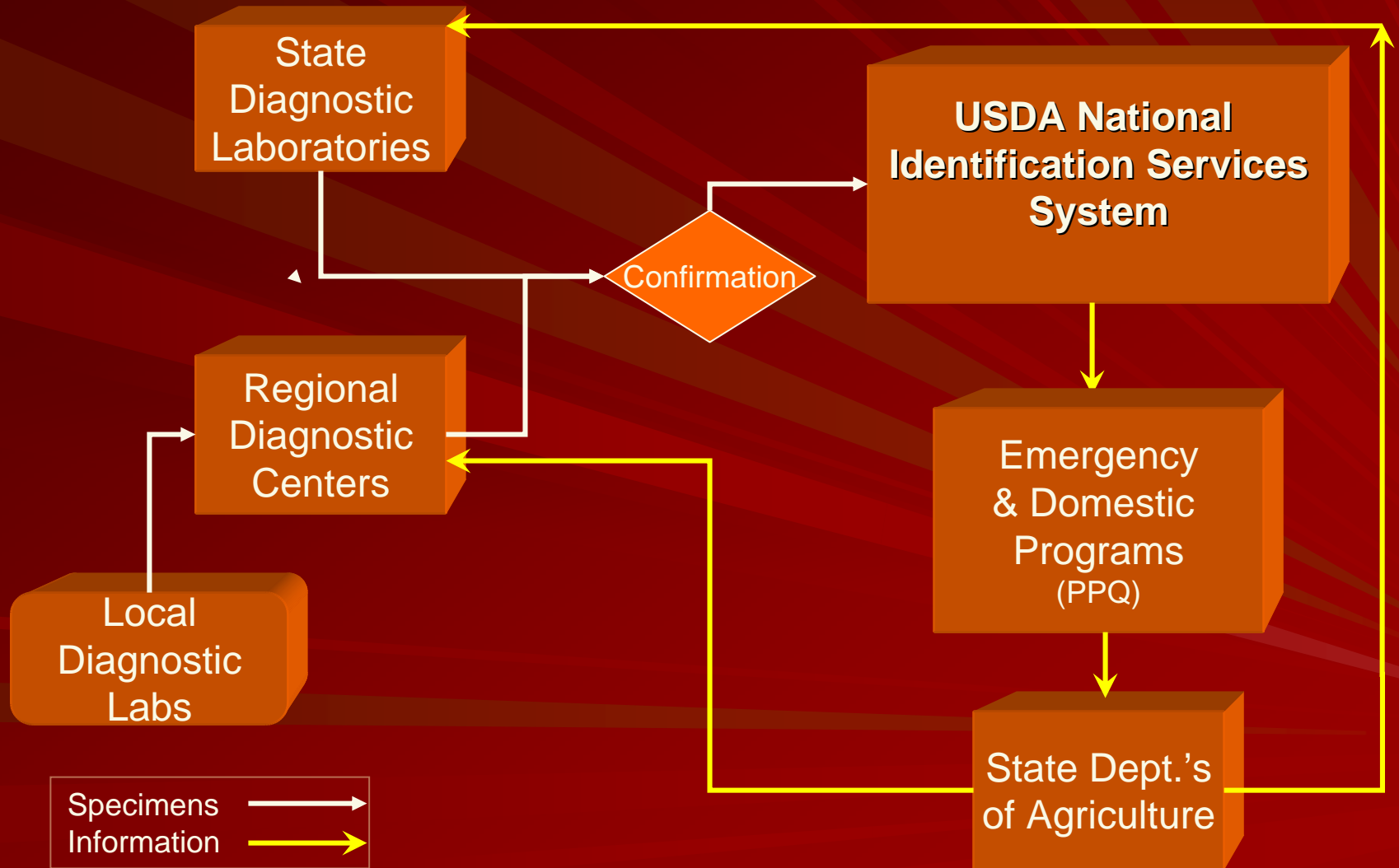
Cecidomyiidae

Siricidae

Bruchinae



Overview of Exotic Pest Detection Confirmation Information Flow



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Thank you

NATIONAL PLANT
DIAGNOSTIC NETWORK

