

Section I
Surveys of Invasive and Emerging Pests

NEW DETECTIONS BY THE OSU INSECT CLINIC

James D. Young
OSU Insect ID Clinic
1089 Cordley Hall
Corvallis, OR 97331

http://www.science.oregonstate.edu/bpp/insect_clinic/index.htm

This year the OSU Insect Clinic continued normal operations and expanded its services to include honey bee pest and pathogen screening. County extension agents, general public and commercial industries of Oregon will submit an estimated 400+ specimens and 300 voice/digital ID's. The break down of physical samples is as follows: Baker (1), Benton (70), Clackamas (14), Clatsop (1), Columbia (2), Coos (20), Crook (10), Curry (3), Deschutes (8), Douglas (3), Gilliam (0), Grant (0), Harney (1), Hood River (8), Jackson (1), Jefferson (4), Josephine (0), Klamath (1), Lake (5), Lane (11), Lincoln (2), Linn (19), Malheur (1), Marion (36), Morrow (0), Multnomah (35), Polk (11), Sherman (4), Tillamook (2), Umatilla (26), Union (5), Wallowa (0), Wasco (6), Washington (16), Wheeler (1), and Yamhill (9) Counties and the states of AK, CO, MI, MT, VA, and WA.

This year new state records, new host records for established pests and some sporadic pests were submitted to the Clinic for Identification.

New Introductions/Detections:

Honey Locust Plant Bug, *Blepharidopterus (Diaphnocoris) chlorionis* (Say, 1832)

Historic range: Eastern USA

Hosts: Honeylocust (*Gleditsia triacanthos*)

Found by Robin Rosetta in Tigard, OR striping and distorted growth was observed on honeylocust. This pest over-winters as an egg. Eggs hatch in spring as the buds begin to expand. Adults appear in summer and lay their eggs in the bark of 2 and 3 year old twigs.

***Tegenaria saeva* (Blackwall 1844)**

Historic range: Europe

Recent Expansion: Vancouver Isl, BC & Issaquah, WA

This spider is a close relative of the Giant house spider and the Hobo. Literature searches suggest this is the first time this species has been recorded in the US (sample submitted from Washington). I will be including this species in the Hobo Spider allies Pub (Manuscript & Illustrations in preparation).

Powder Post Beetle *Lyctus africanus* Lense

Historic range: India

Recent Expansion: Middle East

Hosts: *Bambusa bambos*, *Dendrocalamus strictus* and other Tropical hardwoods.

The sample was submitted by a home owner that found the beetles emerging from a recently purchased decorative mask.

***Carpophilus obsoletus* Erichson**

The USDA recently identified this pest as a non- Quarantine pest when evaluating Thai pineapple pests. This beetle feeds on mature fruits much like many of our native Nitidulids. This species is well established in California.

Potential New Introduction:

Southern Purple Mint Moth, *Pyrausta laticlavia*

A badly damaged sample was submitted for ID. New material has been requested from the grower for confirmation. The moth was reared by the grower and was found feeding on and causing considerable damage to Rosemary and Lavender.

Rarities:

Twenty-plume Moth, *Alucita hexadactyla*

Historic range: Europe

Hosts: Honeysuckle

Found at a light in a home in Lane Co. This strange moth is rarely encountered in Oregon and will be the first specimen of this species deposited in OSAC.

Swallow Bed Bug, *Synxenoderus comosus*

Found by a home owner in her chimney. The home owner recalled hearing a birds in the chimney during the summer months. This species historically has not been found in the Willamette valley.

***Chaetechidius speciosus* (weevil)**

No host is known for this species. It was originally thought to be a transient species given that it was only found in Portland (ca. 1958). This specimen was submitted from a rural area in Western Benton Co. where a house was infested.

***Otohius lagophilus* (Acari, Argasidae)**

A rarely encountered rabbit tick that found imbedded on a dog's ear.

***Ozognathus cornutus* (Anobiid beetle)**

Only 1 specimen of this species is currently in OSAC (1950 Portland). The species is native to southern CA and the SW USA. The beetles were found dead in home dropping from the ceiling. This species has been collected emerging from acorns and oak galls.

Cheese skippers (Piophilidae)

Found by a home owner in a garden bed near the curb.

Hololena curta

Funnel Web Spider that is rarely encountered. Known from California and Washington(?).

Hololena rabana

Funnel Web Spider that is rarely encountered and only known from Oregon. Species has not been discussed or mentioned in the literature since its original description in Chamberlin & Ivie 1942.

Continuing Problems:

The Walnut twig beetle continues to be found throughout the state in conjunction with declining walnuts. It has not been linked to the cause of the decline. The beetles are prevalent in dead wood and failed galleries have found in the outer bark layers of living branches. A full report of the status Oregon Walnut decline can be found in Jay W. Pscheidt's 2008 Annual Report.

4 Bed bugs (*Cimex lectularius*) were submitted in 2008 (Multnomah, Umatilla & Benton Co.)

Several false ID's were submitted by homeowners that were misled by pest control companies.