



COOPERATIVE PLANT PEST REPORT FOR CALIFORNIA

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Week Ending March 28, 1980

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HIGHLIGHTS

PINEWOOD NEMATODE - Bursaphelenchus lignicolus - NEW STATE RECORD - Identified from the Northern Great Basin District, from Yreka, Siskiyou County. Samples collected March 10th by F.D. Horn in the yard of a local residence on a Ponderosa pine (estimated 8 years old), located about one mile from forest trees. Reportedly the infested tree has been cut down (det. by A. Weiner and R. Hackney, CDFA).

DECIDUOUS FRUITS AND NUTS

ALMOND MOTH - Cadra cautella - Reported from the San Joaquin Valley District, from Turlock, Stanislaus County, where T. Yamashita observed an average of 2 larvae/limb-stem of peach trees, on February 24 (det. by R. Somerby, CDFA).

OTHER TROPICAL AND SUBTROPICAL FRUIT

BROWN SOFT SCALE - Coccus hesperidum - Numerous in the Southern Coast District, in Vista, San Diego County, on Ficus benjamina. D. Demmer counted an average of 20 adults per limb, stems or leaves, on February 28 (det. by R. Gill, CDFA).

ORNAMENTALS

DECOLLATE SNAIL - Rumina decollata - NEW COUNTY RECORD - Found on geranium in the Central Coast and Delta District, in San Jose, Santa Clara County, on March 7th, by Bruce Guymon (det. by T. Kono, CDFA).

SYMPTOMS SUGGESTIVE OF ROSE RING PATTERN - Southern Desert District, Holtsville, Imperial County. Symptoms suggestive: stunting, leaf spots present, mottling. Collected March 10th by Robert Flock. These symptoms found on two of 20 plants. Presumed to be a virus (det. by D. Mayhew, CDFA.) Collected on rose.

FOREST AND SHADE TREES

DUTCH ELM DISEASE - Ceratocystis ulmi - Found in Central Coast and Delta District, in two locations within Walnut Creek, Contra Costa County, in both cases on Siberian elm.

(1) On December 4, 1979, a 7" diameter, almost dead standing tree found by Tesche. After laboratory test, tree was removed. (2) On February 6, 1980, a 59" diameter multiple trunk standing tree was sampled, and laboratory tests found (March 6th) positive for DED; the tree was removed (det. by T. Tidwell, CDFA).

GYPSY MOTH - Lymantria dispar - Apparently, fresh eggs found in Central Coast and Delta District in Sunnyvale, Santa Clara County, February 28th by R. Knoll, on an antique wagon wheel shipped from New Jersey (det. by R. Somerby, CDFA).

MAN AND ANIMAL

HOUSE MITE - Glycyphagus domesticus - In the San Joaquin Valley District, in Stockton, San Joaquin County found very numerous in one house on February 29th by the owner, Betty Campora, and County Entomologist K.W. Brown (det. by T. Kono, CDFA).

MISCELLANEOUS

NEWS ON STENOLECHIA - Laboratory Service's Systematic Entomologist, Dr. Thomas Eichlin, this month visited southern coastal counties to observe first hand the extent of the damage to junipers being caused by the introduced Oriental gelechiid moth Stenolechia bathrodyas. With the help of San Diego County personnel, Ken Sims and Bill Williams, the moth was found to be causing extensive and severe damage to several species and varieties of juniper in residential plantings in various locations in San Diego, including Sea World. Sue Dietz of Sea World is compiling a list of infested hosts at that location, which will provide useful data as to susceptible species. In an effort to try to determine the northern limit of the infestation, searches for the moth in various residential areas and city parks in Ventura and Carpinteria were conducted but proved to be negative, although there is a positive record from Ventura in August of 1977. More extensive surveying was done in Santa Barbara by Dr. Eichlin along with Joe Karl, County Agricultural Biologist, but no S. bathrodyas were found in the areas checked. The counties in the region are aware of the problem and more follow-up is anticipated.

CALIFORNIA BLACK LIGHT TRAP REPORT

For the week ending March 28, 1980

| DATE | 3/23 | 3/23 | | | |
|---|---------|---------|--|--|--|
| LOCATION | Manteca | Bellota | | | |
| TEMPERATURE | 72-45 | | | | |
| ALFALFA LOOPER <i>Autographa californica</i> | | | | | |
| ARMYWORM <i>Pseudaletia unipuncta</i> | 11 | 2 | | | |
| BEET ARMYWORM <i>Spodoptera exigua</i> | | | | | |
| BLACK CUTWORM <i>Argrotis ipsilon</i> | | 1 | | | |
| CABBAGE LOOPER <i>Trichoplusia ni</i> | | | | | |
| CLOVER CUTWORM <i>Scotogramma trifolii</i> | 1 | | | | |
| CODLING MOTH <i>Laspeyresia pomonella</i> | | | | | |
| CORN EARWORM, (ETC.) <i>Heliothis zea</i> | | | | | |
| FALSE CELERY LEAFTIER <i>Udea profundalis</i> | 1 | 5 | | | |
| GRANULATE CUTWORM <i>Feltia subterranea</i> | | 1 | | | |
| SALTMARSH CATERPILLAR <i>Estigmene acrea</i> | | | | | |
| SPOTTED CUTWORM <i>Amathes c-nigrum</i> | | | | | |
| SUGARBEET WEBWORM <i>Loxostege sticticalis</i> | | | | | |
| TOBACCO BUDWORM <i>Heliothis virescens</i> | | | | | |
| W. YELLOWSTRIPED ARMYWORM <i>Spodoptera praefica</i> | | | | | |
| OLIVE GREEN CUTWORM <i>Dargida procincta</i> | | 1 | | | |
| A GREEN FRUITWORM <i>Orthosia hibisci</i> | | 2 | | | |
| A NOCTUID MOTH <i>Xylomyges rubrica</i> | | 2 | | | |
| A NOCTUID MOTH <i>Xylomyges hiemalis</i> | | 1 | | | |
| | | | | | |

SIGNIFICANT AGRICULTURAL PEST FINDS

For the week ending MARCH 26, 1980

| Scientific Name | Common Name & | Rating | Origin | Locality | Collector | Date | I.D. by |
|--------------------------------------|---|--------|------------|---------------------------------|------------------|---------|----------------|
| <u>Bursaphelenchus lignicolus</u> | Pinewood Nematode | Q | | Yreka, Siskiyou Co. | F.D. Horn | 3/10/80 | Hackney/Weiner |
| <u>Ceratocystis ulmi</u> | Dutch Elm Disease | A | | Walnut Creek, Contra Costa Co. | Tesche | 12/4/79 | Tidwell |
| <u>Ceratocystis ulmi</u> | Dutch Elm Disease | A | | " " | Sava | 2/6/80 | Tidwell |
| <u>Howardia biclavavis</u> | Mining Scale | A | Florida | Van Nuys, LA County | Pearson & Miller | 3/21/80 | Gill |
| <u>Lymantria dispar</u> ** | Gypsy Moth | A | New Jersey | Sunnyvale, STCL Co. | Knoll | 2/28/80 | Somerby |
| <u>Malacosoma tigris</u> (?) | Sonoran Tent Caterpillar | Q | Unknown | Sacramento, SAC Co. | Rasmussen | 2/20/80 | Eichlin |
| <u>Ostrinia nubilalis</u> | European Corn Borer | A | Unknown | Atascadero, San Luis Obispo Co. | Schlotter | 3/21/80 | Somerby |
| <u>Pseudoparlatoria ostreata</u> (?) | Gray Scale * | Q | Mexico | Lompoc, STB Co. | Janssen | 3/18/80 | Gill |
| <u>Subulina octona</u> | Subulina snail | Q | Florida | Van Nuys, LA Co. | Pearson & Miller | 3/21/80 | Kono |
| A VIRUS | Rose Ring Pattern (symptoms suggestive) | Q | | Holtville, Imperial Co. | R. Flock | 3/10/80 | Mayhew |

* Found on rose. One parasitized adult mummy.

** Eggs appear fresh.