



STATE OF CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

IN COOPERATION WITH THE UNITED STATES DEPARTMENT OF AGRICULTURE

# COOPERATIVE PLANT PEST REPORT FOR CALIFORNIA

Vol. 3, No. 40  
Week Ending October 3, 1980

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Dear CPPR Cooperators

This is the last issue of the "Cooperative Plant Pest Report for California" as a part of the USDA/APHIS/PPQ "Cooperative Plant Pest Report." This latter publication is being discontinued with its final issue being published early in October. We do plan, however, to continue to publish a California report ("California Plant Pest Report") on a weekly or bi-weekly basis so we urge all of you who have cooperated over the years by contributing to the old "Economic Insect Report" and to the more recent "Cooperative Plant Pest Report" to continue these contributions. If you have any suggestions on how the new California report can be improved please let us know.

We are discussing with other Western states the possibility of publishing a western region report and hope to start this soon. If published, this might be combined with the California report or might be a separate publication. If you have any suggestions on this, we would appreciate receiving them, also.

The USDA/APHIS/PPQ is evaluating its overall pest detection program and, it is hoped, will develop in the near future, a new collection, evaluation and feedback system for plant pest information. Until this is done, we will see what we can do in cooperation with you and with the other western states.

Sincerely

Carl W. Nichols, Ph.D.  
Chief  
Laboratory Services

HIGHLIGHTS

MEDITERRANEAN FRUIT FLY - Ceratitis capitata - Seventy-seven field collections (traps) and eight laboratory specimens were submitted for identification; all but two are from Santa Clara County. Determinations were made by Karen Corwin, CDFA.

County	TRAPS				Laboratory Culture
	Jackson	Steiner	Nadel	Frick	
Alameda	1				* Fremont 2 Mt. View 1
Marin	1				** Campbell 1
Los Angeles		1			Cupertino 3 Los Gatos 4
Santa Clara	*3		**68	3	Miltipas 1 San Jose 33 Santa Clara 16
TOTAL: (85)	5	1	68	3	Saratoga 4 Sunnyvale 6 <u>71</u>

All identified as sterile except for the laboratory culture.

A LEAFHOPPER - Latalus misellus - NEW STATE RECORD. This eastern species, with range known as far west as Utah, was found by Art Gilbert on August 8th, in Clovis, Fresno County. Host: turf grasses on private residence. One adult specimen captured (det. by R. Gill, CDFA, confirmed by J.P. Kramer, USDA).

SMOKYBROWN COCKROACH - Periplaneta fuliginosa - NEW COUNTY RECORD. Nymphs and adults specimens found in house and yard in Mission Viejo, Orange County. Specimens submitted for identification to the Orange County Agricultural Commissioner by the Mission Viejo Pest Control Company (det. by G. Buxton, CDFA).

HONEY LOCUST POD GALL MIDGE - Dasineura gladitchiae - NEW COUNTY RECORD. Central Coast and Delta District, Santa Cruz County: Soquel. On August 15th, M. Morton observed this species on Gleditsia traicanthos (Sunburst honey locust) while reporting an average of 10 larvae and pupa per leaf. For information about the habits of this midge, refer to p. 94 of this year's CPPR (det. by K. Corwin, CDFA).

FIELD NOTES

PACIFIC SPIDER MITE - Tetranychus pacificus - Los Angeles County: Little Rock and Valyermo area, on September 23rd. First year newly established peaches hit hard early fall after harvest. Orchards involved: peach - 35 acres, pear - 150 acres, apple - 10 acres with 100% infestation. Eggs, small immatures and adults are present with combined count of 500-plus per stem on peach and 200 plus per stem on pear and apple, as observed and reported by G. Maxwell and G. Mork.

COMSTOCK MEALY BUG - Pseudococcus comstocki - Reported from Kern County near Edison where specimens were trapped 3/4 miles upwind from one pheromone trap and one mile upwind from another pheromone trap by J. Brown on September 22nd (det. by R. Gill, CDFA).

ORIENTAL FRUIT FLY - Dacus dorsalis - One male specimen found by Ann Sixtus in a Jackson trap in San Diego County, Santee, on September 23rd. Specimen appears fairly fresh; some muscle tissue not dehydrated. All body parts present (det. by K. Corwin, CDFA).

GYPSY MOTH - Lymantria dispar - Three collections from Orange County. Eggs and larva/cast skins found on September 18th, by D. Barela-Smith and R. Lopez in San Juan Capistrano. The egg mass was found on southwest side of a brick wall; the larvae "brick fence in yard" as noted. On September 23rd, J.M. Johnson collected larval and pupal cases on outdoor table in Mission Viejo which was in a quarantine shipment from Connecticut (det. by R. Somerby, CDFA).

#### DUTCH ELM DISEASE IDENTIFICATION

Positive for DED fungus, Ceratocystis ulmi - Wood samples and specimens of the smaller European bark beetle, Scolytus multistriatus, submitted for identification. All identifications were made by T.E. Tidwell, CDFA.

CONTRA COSTA COUNTY - one sample of Siberian elm, in which the 1968 ring found positive.

MARIN COUNTY - European elm in Santa Venita, one collection.

SAN MATEO COUNTY - European elm from Redwood City, one collection. Beetle specimens: 6 collections in County Traps No. 41-20, -23, -29, -32, -33, -59.

SANTA CLARA COUNTY - 4 collections, all samples of European elm, 3 from Palo Alto, one from Windsor.

#### BORDER STATION INTERCEPTIONS

GYPSY MOTH - Lymantria dispar - Two interceptions during the past week, both at the Truckee Inspection Station. On September 18th dead larva were found in a truck from Connecticut, bringing fir tree, with destination Ben Lomond, by Shaline. On the same truck, alive egg mass found hidden on outdoor garden decoration, by C. Lee (det. by R. Somerby, CDFA).

APPLE MAGGOTT - Rhagoletis pomonella - Sixteen interceptions from four stations resulted in 44 live larvae. From the Yermo Insp. Stn., 8 collections from different states: Illinois, Indiana, Iowa, New Jersey, Nebraska, Ohio, Pennsylvania and Wisconsin, collected by E. Martinez, K. Blakely, W.C. Thompson, E. Morris and G. Spencer (det. by M. Wasbauer 7, and K. Corwin 1, CDFA). Smith River Insp. Stn. with one interception in apples from Wisconsin by M. London (det. by M. Wasbauer, CDFA). Three interceptions at the Redwood Hwy. Insp. Stn., live larvae found in apples in passenger automobiles from Michigan (by M. Versteeg), from Nebraska (by D. Bienenfeld) and from Tennessee (by D.J. Rosenbalm), (det. by K. Corwin, CDFA). At the Mt. Shasta Insp. Stn., five interceptions, larvae alive in apples from Oregon between September 15th and 27th by E. Tracy, C. Kniball, W.O. Nelson, M. Stirling, and by Bridwell (det. by M. Wasbauer 2, and K. Corwin, CDFA)

CODLING MOTH - Laspeyresia pomonella - A C-rated pest, but the eagle eyes of border station inspectors would not miss them, 20 interceptions (det. by R. Somerby, CDFA).

EUROPEAN CORN BORER - Ostrinia nubilalis - Live larvae found in corn in a California automobile returning from Maryland, on September 18th by J. Street (det. by R. Somerby, CDFA).

MUSK THISTLE - Carduus nutans - Intercepted in a floral arrangement from South Dakota at the Smith River Insp. Stn. by G. Olson (det. by D. Barbe, CDFA).

SPOTTED KNAPWEED - Centaurea maculosa - Found in two occasions in a floral arrangement at the Smith River Insp. Station. One from Montana, the other from South Dakota, by G. Olson (det. by D. Barbe, CDFA).

DIFFUSED KNAPWEED - Centaurea diffusa - In a floral bouquet of Idaho origin, intercepted at the Yermo Insp. Stn. by D. Cameron (det. by D. Barbe, CDFA).

HOLOGETON - Hologeton glomeratus - Found in automobiles from Nevada on two occasions by R.J. Spencer and M.F. Ebers at the Benton Insp. Stn. At the Truckee Insp. Stn., C. Lee and R. Donnelly discovered this weed in floral arrangements on two occasions in California registered automobiles returning from Nevada (det. by D. Barbe, CDFA).

#### WEEDS

TAURIAN THISTLE - Onopordum tauricum - Salinas Valley District, Monterey County, Soledad. Specimens of this A-rated weed found among "downed plants" on September 17th on a ditch bank. No additional information supplied. Collected by S. Clayton and B. Oliver (det. by D. Barbe, CDFA).

CANADA THISTLE - Cirsium arvense - NEW TOWNSHIP RECORD. Sacramento Valley District, Butte County, 2 miles SW of Jonesville, along the road below Cherry Hill Camp Ground. Light density of this weed reported on September 29th by R.W. Dodd and A.W. Beneke. This is the second record for the County (det. by D. Barbe, CDFA).

## SIGNIFICANT AGRICULTURAL PEST FINDS

For the week ending October 3, 1980

Scientific Name	Common Name &	Rating	Origin	Locality	Collector	Date	I.D. by
<u>Amorbia</u> sp.	A tortricid moth	Q	Hawaii	San Mateo County, Half Moon Bay	Buerger	IX.25.	Somerby
<u>Aspidiella</u> <u>sacchari</u>	A scale	Q	Florida	Los Angeles County, Panorama Cty	Kemper/Miller	IX.19.	Gill
<u>Aspidiotus</u> <u>destructor</u>	Coconut scale	A	Florida	Los Angeles County, Panorama	Kemper/Miller	IX.19.	Gill
<u>Bradybaena</u> <u>similaris</u>	A snail	Q	Alabama	Walnut	Pearson	IX.23.	Kono
<u>Ceroplastes</u> <u>floridensis</u>	Florida wax scale	Q	Florida	Sacramento County, Sacramento	Mellor	IX.29.	Gill
<u>Lepidosaphes</u> <u>esakii</u>	A scale	Q	Hawaii	San Luis Obispo Cty San Luis Obispo	Hollarman	IX.17.	Gill
<u>Lymantria</u> <u>dispar</u>	Gypsy moth	A	New Jersey	Orange County, Miss. Viejo	Johnson	IX.17.	Somerby
			Connecticut	Fullerton	Miller	IX.10.	Somerby
			New Jersey	Santa Clara Cty., San Jose	Schamberger	IX.18.	Somerby
			Connecticut	Los Angeles County, Northridge	Miller	IX.25.	Somerby
			Massachusetts	Contra Costa Cty., Moraga	Welch	IX.18.	Somerby
			Massachusetts	Lake County, Soda Bay	Townsend	IX.18.	Somerby
			Illinois	San Diego County, Solana Beach	Nielson	IX.16.	Somerby

## SIGNIFICANT AGRICULTURAL PEST FINDS

For the week ending October 3, 1980

Scientific Name	Common Name &	Rating	Origin	Locality	Collector	Date	I.D. by
<u>Malacosoma</u> sp.	A moth	Q	New Jersey	Santa Clara Cty., San Jose	Schamberger	IX.18.	Somerby
			Connecticut	Orange County, Mission Viejo	Johnson	IX.17.	Somerby
			Connecticut	Alameda County, Alameda	Brownfield	IX.18.	Somerby
<u>Paratrechina fulva</u>	An ant	Q	Alabama	Los Angeles County Walnut	Pearson	IX.23.	Wasbauer
			Florida	Contra Costa County Richmond	Cruickshank & Sparkman	IX.22.	Wasbauer
<u>Pseudaulacaspis cockerelli</u>	A scale	A	Florida	Los Angeles County Panorama Cty.	Kemper & Miller	IX.19.	Gill
<u>Rhizoecus americanus</u>	A mealybug	Q	Florida	Lawndale	Kellam	IX.22.	Gill

**CALIFORNIA BLACK LIGHT TRAP REPORT**

For the week ending Oct. 3, 1980

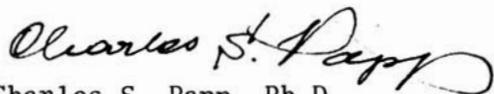
DATE	9-28-80	9-28-80			
LOCATION	Bellota	Manteca			
TEMPERATURE	-----	87-56 <sup>o</sup>			
ALFALFA LOOPER <i>Autographa californica</i>		1			
ARMYWORM <i>Pseudaletia unipuncta</i>	1	1			
BEET ARMYWORM <i>Spodoptera exigua</i>	189	377			
BLACK CUTWORM <i>Argrotis ipsilon</i>					
CABBAGE LOOPER <i>Trichoplusia ni</i>		1			
CLOVER CUTWORM <i>Scotogramma trifolii</i>	4	1			
CODLING MOTH <i>Laspeyresia pomonella</i>					
CORN EARWORM, (ETC.) <i>Heliothis zea</i>	4	3			
FALSE CELERY LEAFTIER <i>Udea profundalis</i>	3	3			
GRANULATE CUTWORM <i>Feltia subterranea</i>	4	12			
SALT MARSH CATERPILLAR <i>Estigmene acrea</i>					
SPOTTED CUTWORM <i>Amathes c-nigrum</i>	6				
SUGARBEET WEBWORM <i>Loxostege sticticalis</i>					
TOBACCO BUDWORM <i>Heliothis virescens</i>		1			
W. YELLOWSTRIPED ARMYWORM <i>Spodoptera praefica</i>					
GRAPELEAF FOLDER <i>Dasmia fumeralis</i>		2			
VARIEGATED CUTWORM <i>Peridroma saucia</i>		1			
NAVEL ORANGEWORM <i>Amyelois transitella</i>	1	16			
PEACH TWIGEORER <i>Anarsia lineatella</i>		3			

Dear CPPR Cooperators

Since March 9, 1979, I have been responsible for compiling and publishing the Cooperative Plant Pest Report for California. I also have represented the State of California on this U.S.D.A. project. During the first year, I attempted to learn the needs of you, our readers. Since that period, I have tried, with the limited amount of funds available, to better meet these needs through the issuance of informative articles and by different methods of presentation. I have attempted to create a better information service with more emphasis on supplying the applied scientific knowledge so badly needed to counter plant pests intercepted or found for the first time in the State.

My limited contributions would have been of little importance, however, without the able assistance of my colleagues in the Division of Plant Industry and the County Agricultural Commissioners and their staffs. For this assistance, I would like to express my most sincere appreciation.

Sincerely



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