



COOPERATIVE PLANT PEST REPORT FOR CALIFORNIA

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Week Ending May 23, 1980

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ORNAMENTALS

LATANIA SCALE - Hemiberlesia lataniae (males and females), and a MEALYBUG - Pseudococcus sp. (possibly longispinosus, early instar nymphs) - reported from the San Joaquin Valley District, from Stanislaus County, Modesto. On May 16, T. Watkins found nymphs and adults of these species on the leaves of a palm, which originated from a Texas Palm Nursery. The shipment was intercepted in Stockton, San Joaquin County (det. by R. Gill, CDFA).

GREEDY SCALE - Hemiberlesia rapax - Observed in the San Joaquin Valley District, in Fresno County, Reedley. On May 8, R. Kassabian noted an average of 50 nymphs and adults on the stem of Euonymus (?) (det. by R. Gill, CDFA).

A WHITEFLY - Aleyrodes spiraeoides - Reported on Iris in the San Joaquin Valley District, in Fresno County, Fresno, where on May 7 Graham and Keifer found an average of 100 nymphs per leaf (det. by R. Gill, CDFA).

FOREST AND SHADE TREES

WESTERN TENT CATERPILLAR - Malacosoma californicum - Mass occurrence reported from the Low Desert District, San Bernardino County, Yucaipa. On May 18 Rod Lampman observed Quercus agrifolia trees heavily infested with larvae in the foothills and in the canyons, and he noted: "larvae all over-- dropping from trees." (det. conf. by R. Somerby, CDFA).

HOUSEHOLD AND STRUCTURE

AN ANT - Camponotus (Myrmecotoma) nearcticus - Reported found in a house trailer from Alabama on May 14, in the San Joaquin Valley District, San Joaquin County, Manteca, by K. Wright and K. W. Brown. (This ant is a native species, according to M. R. Smith (1965)), ranges from North Dakota to Ontario, south to Colorado

and Florida; also occurs from British Columbia to California and eastward to Idaho, where it is not common. They have small colonies (100-or so specimens) in or beneath bark of dead trees, insect galls, etc. If found in house, they are nesting in woodworks, usually in roof, easily detected by the moistness of the nest site. Seldom infesting household food (det. by M. Wasbauer, CDFA).

NUMBER OF SPECIMENS OBSERVED while feeding on plants, etc. are of prime importance in evaluating the potential of a given pest. Several hundred of identification requests are coming in the mail daily to the entomology laboratory. Identifications are made in most instances on the same or the next day. However (like in the past weeks shipments) very, very few (only two!) identifications slips contained vitally important data as to the grade of infestation. It is impossible to determine the intensity of infestation from one or two specimens found in the vials, unless the proper column on the identification slip is marked by the collector. Approximately how many specimens (what stages?) per leaf, etc., is very important. Would you please supply this information on your identification requests.

Concerning the 1979 ESTIMATED DAMAGE AND CROP LOSS REPORT -- The new form and method of reporting seemingly worked well in many counties. Memos and phone calls are an indication that the new way saves about 90% of the time previously spent on preparation. The deadline for the report was set deliberately for a very early day (March 15), which was of concern of some, but it was effective enough to serve as a reminder. My deadline to mail the California Report to the USDA is in December, but it takes considerable time to summarize the data submitted by the counties, not mentioning many other data, which as an additional workload must go into the complete report. As of this date the following counties mailed in their reports (in order from North to South): Siskiyou, Modoc, Humboldt, Shasta, Sonoma, Sacramento, El Dorado, Solano, Contra Costa, Santa

Cruz, Merced, Mono, Inyo, Tulare, Kings, Monterey, San Luis Obispo, Kern, Ventura, Los Angeles, San Bernardino, Orange, and Riverside Counties. Thank you for your support.

The yearly report is a cooperative effort. Let us make the 1979 Report a good, informative, and useful one.

CALIFORNIA BLACK LIGHT TRAP REPORT

For the week ending May 16, 1980

DATE	5-11-80	5-11-80	5-11-80		
LOCATION	Bellota	Manteca	Roberts Island		
TEMPERATURE		68-50			
ALFALFA LOOPER <i>Autographa californica</i>					
ARMYWORM <i>Pseudaletia unipuncta</i>	43	8	40		
BEET ARMYWORM <i>Spodoptera exigua</i>					
BLACK CUTWORM <i>Argrotis ipsilon</i>	14		3		
CABBAGE LOOPER <i>Trichoplusia ni</i>					
CLOVER CUTWORM <i>Scotogramma trifolii</i>	36		2		
CODLING MOTH <i>Laspeyresia pomonella</i>					
CORN EARWORM, (ETC.) <i>Heliothis zea</i>					
FALSE CELERY LEAFTIER <i>Udea profundalis</i>	8				
GRANULATE CUTWORM <i>Feltia subterranea</i>	2	5			
SALTMARSH CATERPILLAR <i>Estigmene acrea</i>	1				
SPOTTED CUTWORM <i>Amathes c-nigrum</i>	61	1	9		
SUGARBEET WEBWORM <i>Loxostege sticticalis</i>	1				
TOBACCO BUDWORM <i>Heliothis virescens</i>					
W. YELLOWSTRIPED ARMYWORM <i>Spodoptera praefica</i>	15	1	42		
VARIEGATED CUTWORM <i>Peridroma saucia</i>	4				
ROUGHSKINNED CUTWORM <i>Proxenus mindava</i>	11				

CALIFORNIA BLACK LIGHT TRAP REPORT

For the week ending May 23, 1980

DATE	5-19	5-18	5-19		
LOCATION	Manteca	Bellota	Robert's Island		
TEMPERATURE	98-65	90-53	----		
ALFALFA LOOPER <i>Autographa californica</i>		1	2		
ARMYWORM <i>Pseudaletia unipuncta</i>	7	13	9		
BEET ARMYWORM <i>Spodoptera exigua</i>	4		9		
BLACK CUTWORM <i>Argrotis ipsilon</i>	10	16	5		
CABBAGE LOOPER <i>Trichoplusia ni</i>					
CLOVER CUTWORM <i>Scotogramma trifolii</i>	6	14	5		
CODLING MOTH <i>Laspeyresia pomonella</i>					
CORN EARWORM, (ETC.) <i>Heliothis zea</i>		1*			
FALSE CELERY LEAFTIER <i>Udea profundalis</i>		2	1		
GRANULATE CUTWORM <i>Feltia subterranea</i>	9	2	2		
SALTMARSH CATERPILLAR <i>Estigmene acrea</i>					
SPOTTED CUTWORM <i>Amathes c-nigrum</i>	1	26			
SUGARBEET WEBWORM <i>Loxostege sticticalis</i>	2	1	2		
NAVEL ORANGE WORM <i>Amyelois transitella</i>	1				
W. YELLOWSTRIPED ARMYWORM <i>Spodoptera praefica</i>	7	20	13		
VARIEGATED CUTWORM <i>Peridroma saucia</i>	3	1	2		
ROUGHSKINNED CUTWORM <i>Proxenus mindara</i>	11	18	19		
OMNIVOROUS LEAFROLLER <i>Platynota stultana</i>			1		
TOBACCO HORNWORM <i>Menduca sexta</i>		1			
PEACH TWIG BORER <i>Anarsia lineatella</i>	5				

SIGNIFICANT AGRICULTURAL PEST FINDS

For the week ending May 23, 1980

Scientific Name	Common Name &	Rating	Origin	Locality	Collector	Date	I.D. by
<u>Aleurothrixus floccosus</u>	Woolly whitefly	A		Vista, San Diego County	R.W. Tolles	V.13.	Gill
<u>Bradybaena similaris</u>	A snail	Q	Florida	Los Angeles, Los Angeles County	Murase & Lopez	V.15.	Kono
<u>Geococcus coffeae</u>	A soil mealybug	Q	Hawaii	Lawndale, Los Angeles County	N.Kellam	V.12.	Gill
<u>Howardia biclavis</u>	Mining scale	A	Florida	N. Hollywood, Los Angeles County	Kemper & Miller	V.12.	Gill
<u>Paratrechina fulva</u>	An ant	Q	Florida	Richmond, Contra Costa County	E. Meyer	V.14.	Wasbauer
<u>Pulvinaria psidii</u>	Green shield aphid	A	Hawaii	Pico Rivera, Los Angeles County	R. Iizuka	V.14.	Gill
<u>Rhizococcus americanus</u>	A mealybug	Q	Florida	Richmond, Contra Costa County	E. Meyer	V.14.	Gill
<u>Radopholus similis</u>	Burrowing nematode	A	Hawaii	La Mesa, San Diego County	R. Walsh	V.12.	Weiner
<u>Radopholus (res. similis)*</u>	Probably burrowing nematode	Q	Colombia South America	Bonsal, San Diego County	Pickett & Johnson	V.5.	Weiner

*Plants shipped by Southern Rainbow Foliage, Miami, Florida. Another shipment from the same company was also infested.							