



COOPERATIVE PLANT PEST REPORT FOR CALIFORNIA

Vol. 3, No. 27
Week Ending July 4, 1980

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HIGHLIGHTS

MEDITERRANEAN FRUIT FLY - Ceratitus capitata - Southern Coast District, Los Angeles County, Reseda, June 26: Adult female specimen collected from a Jackson trap in an orange tree by Morely Suzuki. This third adult fly is 3½ miles S.E. of the first adult find of June 5 and 1½ miles S.W. of the second adult find of June 20. This fly was dissected in Hawaii by Richard Kobayashi of SEA, who reports the specimen is full of eggs but unmated. (Det. by Esther Chao)

MISCELLANEOUS FIELD CROPS

AN APHID - Cavariella aegopodii - Northern Great Basin District, found heavy and injuring cultivated dill in a dooryard garden at Montague, Siskiyou County on June 23 by D. Shaw and D. Horn. (Det. by T. Kono, CDFA)

DECIDUOUS FRUITS AND NUTS

WESTERN CHERRY FRUITFLY - Rhagoletis indifferens - Found in the Northern Coast District - one adult fly collected from a frick trap in a cherry tree by W. Ferlatte at Hoopa, Humboldt County on June 18. (Det. by K. Corwin, CDFA)

MEALY PLUM APHID - Hyalopterus pruni - Collected in Central Coast and Delta District on apricots at Oakland, Alameda County by Evans and Connally on June 23. (Det. by T. Kono, CDFA)

AN ERIOPHYID MITE - Aculus schlechtendali - Collected in the Central Coast and Delta District on apples in a dooryard at Oakland, Alameda County on June 24 by Evans and Connally. (Det. by T. Kono, CDFA).

CITRUS

MEXICAN MEALYBUG - Phenacoccus gossypii - This mealybug was found infesting a citrus tree at Oakland, Alameda County, Central Coast and Delta District on June 23 by Evans and Connally. This is an unusual host for this mealybug. (Det. by R. Gill, CDFA).

ORNAMENTALS

ICEPLANT SCALE - Pulvinaria mesembryanthemi - THIS IS A NEW COUNTY RECORD - This species was collected on iceplant on June 20 by Phil Siebert at Broadway and Interstate 5 in Sacramento, Sacramento County, Sacramento Valley District. A collection of this scale was also made at Richmond, Contra Costa County, Central Coast and Delta District. (Det. by R. Gill, CDFA)

HONEYLOCUST PODGALL MIDGE - Dasineura gleditchiae - THIS IS A NEW COUNTY RECORD. This midge was collected on honeylocust in Davis, Yolo County, Sacramento Valley District on June 28 by D. Adams. This midge was also collected by J. Gilley at Visalia, San Joaquin Valley District, on June 24. (Det. by K. Corwin, CDFA).

DECOLLATE SNAIL - Rumina decollata - Collected at McFarland, Kern County, San Joaquin Valley District, on soil by D. Poore on June 17. (Det. by T. Kono, CDFA)

RED WAX SCALE - Ceroplastes rubens - In the Southern Coast District ten Aglaonema plants infested with this scale were found at the Los Angeles County Arboretum on June 27 by Paul Cheo. The plants were traced to a local nursery where a few more infested plants were found. Eradication procedures are underway. (Det. by R. Gill, CDFA)

MAN AND ANIMALS

CHICKEN MITE - Dermanyssus gallinae - Found infesting the heads of humans at Marysville, Yuba County, Sacramento Valley District on June 28. Specimens were forwarded to the county by local hospital authorities and they were submitted to the Sacramento lab by D. Kelsey. (Det. by T. Kono, CDFA)

TROPICAL RAT MITE - Ornithonyssus bacoti - This mite caused up to 50 bites on a lady in La Mesa, San Diego County, Southern Coast District. The specimen was submitted by R. Selsted on June 17. (Det. by T. Kono, CDFA)

BENEFICIAL INSECTS

A STEM GALL FLY - Urophora cardui - A NEW UNITED STATES RECORD - On June 19, Don Joley of the Pest Management Division released 18 males and 18 females on Canada thistle, Cirsium arvense L. near Tulalake, Modoc County, Northern Great Basin District. The releases were made inside two 1m² screened cages. The flies were originally collected in France and were sent to the USDA, Albany Laboratory where they were screened for diseases and parasites.

We obtained progeny from Albany. The fly has been released in Canada where it has become established, but this is the first release in the United States.

CORRECTION

Correction to CPPR, Vol. 3, No. 26, Week Ending June 27, 1980

Last week we reported a quarantine interception of Burrowing Nematode - Radopholus similis as "Root-knot Nematode", in a shipment of Gloxinias from Florida to San Diego County.

PLEASE NOTE THE ABOVE CORRECTION IN YOUR COPY OF THE CPPR.

CALIFORNIA BLACK LIGHT TRAP REPORT

For the week ending July 4, 1980

DATE	6-29	6-29	7-1	7-1	
LOCATION	Bellota	Roberts Island	Manteca	Collegeville	
TEMPERATURE	92-63		93-61 .4" rain		
ALFALFA LOOPER <i>Autographa californica</i>					
ARMYWORM <i>Pseudaletia unipuncta</i>	442	249	368	117	
BEET ARMYWORM <i>Spodoptera exigua</i>			8		
BLACK CUTWORM <i>Argrotis ipsilon</i>	26		12	4	
CABBAGE LOOPER <i>Trichoplusia ni</i>					
CLOVER CUTWORM <i>Scotogramma trifolii</i>	4		6	10	
CODLING MOTH <i>Laspeyresia pomonella</i>					
CORN EARWORM, (ETC.) <i>Heliothis zea</i>					
FALSE CELERY LEAFTIER <i>Udea profundalis</i>					
GRANULATE CUTWORM <i>Feltia subterranea</i>	1		2		
SALTMARSH CATERPILLAR <i>Estigmene acrea</i>		8		1	
SPOTTED CUTWORM <i>Amathes c-nigrum</i>	2		1		
SUGARBEET WEBWORM <i>Loxostege sticticalis</i>	4		1		
TOBACCO BUDWORM <i>Heliothis virescens</i>					
W. YELLOWSTRIPED ARMYWORM <i>Spodoptera praefica</i>	14		16	1	
VARIEGATED CUTWORM <i>Peridroma saucia</i>	4		2	4	
ROUGHSKINNED CUTWORM <i>Proxenus mindara</i>	1		3	10	
OMNIVOROUS LEAFROLLER <i>Platynota stultana</i>	7				
GRAPE LEAFROLLER <i>Desmia funeralis</i>			2		

SIGNIFICANT AGRICULTURAL PEST FINDS

For the week ending July 4, 1980

Scientific Name	Common Name &	Rating	Origin	Locality	Collector	Date	I.D. by
<u>Kilifia acuminata</u>	Acuminate scale	A	Hawaii	Los Angeles County	N. Kellam	VI.25.	Gill
<u>Lymantria dispar</u>	Gypsy moth*	A	Connecticut	Santa Barbara Co.	J. Karl	VI.12.	Eichlin
<u>Malacosoma</u> sp.	A tent caterpillar	Q	Maine	Goleta	J. Karl	VI.24.	Somerby
<u>Malacosoma</u> sp. (Border Station)	A tent caterpillar	Q	Vermont	Meyers	L. Huffaker	VI.25.	Somerby
<u>Paratrechina fulva</u>	An ant	Q	Florida	Los Angeles County	N. Kellam	VI.20.	Wasbauer
<u>Phyllophaga</u> sp. near <u>bruneri</u>	A scarab beetle			Los Angeles County	Allman	VI.24.	Andrews
<u>Phyllophaga</u> sp. near <u>crinita</u>	A scarab beetle	Q	Illinois	Millbrae	P. Canziani	VI.25.	Andrews
<u>Pulvinaria psidii</u>	Green shield scale	A	Hawaii	La Habra	W. Miller	VI.25.	Gill
<u>Rhagoletis indifferens</u> (Border Station)	Western cherry fruitfly	A	Oregon	Redwood Highway	T. Long	VI.12.	Corwin
<u>Ceratocystis ulmi</u>	Dutch elm disease	A	English elm	MARIN CO: Ross	Godfrey	VI.10.	Tidwell
			European elm	Ross	Wellington	VI.16.	Tidwell
			" "	Ross	Bendure, etc.	VI.13.	Tidwell
			" "	San Anselmo	Pool, etc.	VI.10.	Tidwell
			Siberian elm	Novato	Gralapp, etc.	V.30	Tidwell
			European elm	Ross	Gralapp, etc.	VI.9.	Tidwell
				SAN MATEO COUNTY:			
			European elm	Burlingame	Peterson, etc.	VI.13.	Tidwell
			" "	Burlingame	Peterson, etc.	VI.13.	Tidwell
			" "	Burlingame	Peterson, etc.	VI.13.	Tidwell
			" "	San Mateo	Peterson, etc.	VI.12.	Tidwell
			" "	Burlingame	Peterson, etc.	VI.13.	Tidwell

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For the week ending July 4, 1980

Scientific Name	Common Name & Rating	Origin	Locality	Collector	Date	I.D. by
<u>Ceratocystis ulmi</u>	Dutch elm disease A	<u>Scolytus multistriatus</u>	?	Ondricek	V.29.	Tidwell
		European elm	E. Palo Alto	DeWoskin, etc.	VI.9.	Tidwell
		European elm suckers	Atherton	Tytus	VI.9.	Tidwell
		European elm	E. Palo Alto	DeWoskin, etc.	VI.9.	Tidwell
		European elm	Atherton	Ciardi, etc.	?	Tidwell
		Siberian elm	Menlo Park	Peterson, etc.	VI.5.	Tidwell
			SONOMA COUNTY:			
		European elm	Santa Rosa	Hellen, etc.	VI.11.	Tidwell
		European elm	El Verano	Godfrey, etc.	V.30.	Tidwell
		Siberian elm	Sonoma	Hellen, etc.	V.29.	Tidwell
		European elm	Santa Rosa	Hellen, etc.	VI.11.	Tidwell
		European elm	Santa Rosa	Krause, etc.	VI.11.	Tidwell
			CONTRA COSTA CO:			
		Siberian elm	Walnut Creek	Barton, etc.	VI.4.	Tidwell
		European elm	Walnut Creek	Barton, etc.	VI.3.	Tidwell
			SOLANO COUNTY:			
		Siberian elm	Vallejo	Sudduth, etc.	VI.5.	Tidwell
		Siberian elm	Vallejo	Sudduth, etc.	V.30.	Tidwell
		Siberian elm	Vallejo	Hansen, etc.	V.30.	Tidwell

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For the week ending July 4, 1980

Scientific Name	Common Name & Rating	Origin	Locality	Collector	Date	I.D. by
<u>Ceratocystis ulmi</u>	Dutch elm disease A	European elm	NAPA COUNTY: Napa	Amaroli, etc.	VI.2.	Tidwell
		European elm	Napa	Zak, etc.	VI.6.	Tidwell
		European elm stump	SANTA CLARA CO: Palo Alto	Birkholm, etc.	VI.11.	Tidwell
		<u>Scolytus multistriatus</u>	?	Ondricek	V.27.	Tidwell
		European elm	E. Palo Alto	DeWoskin, etc.	VI.9.	Tidwell
		European elm	Los Altos Hills	Birkholm, etc.	VI.4.	Tidwell

*From Sanders Arizona Inspection Station by Inspector E.L. Adams

SAN JOAQUIN COUNTY TOMATO PEST REPORT

Location	Collegeville				
Number of Acres	80				
Variety	UC-82				
Date of Survey	7/1/80				
Stage of Crop	green fruit				
Pesticide Used					
Date Pesticide Applied					

BLACK LIGHT TRAP COUNTS

Temperature	93-61				
Beet Armyworm <i>Spodoptera exigua</i>	0				
Tomato fruitworm <i>Heliothis zea</i>	0				
W. Yellowstr. army. <i>Spodoptera praef.</i>	1				

FRUIT DAMAGE

Number of fruit examined	350				
%Beet Armyworm Tomato Fruitworm	1.7				
%Tomato pinworm	0				

INSECT COUNTS PER SAMPLE (shaken from plants over 2 sq. ft. surface)

Number of 2 ft. samples examined	35				
Tomato Fruitworm	.03				
Beet Armyworm	0				
Loopers	0				
Hornworms	0				
Other worms	.06				
Stinkbugs	.06				
Pinworms blotchs/10 lvs.	0				
Leaf Miners mines/6 trifoliates	0				