STATE OF CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
IN COOPERATION WITH THE UNITED STATES DEPARTMENT OF AGRICULTURE

COOPERATIVE PLANT PEST REPORT FOR CALIFORNIA

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Week Ending July 11, 1980

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ORNAMENTALS

OLEANDER APHID - Aphis nerii - Very abundant in the Southern Coast District, Orange County, Anaheim. S. Johnson and S. Bowe on June 25 observed infestation on Hoya carnosa (Wax plant) with numerous nymphs and adults feeding on blossoms and leaves (det. by T. Kono, CDFA).

(MEALY PLUM) APHID - poss. Hyalopterus pruni - In the Southern Coast District, Los Angeles County, Los Angeles. Lopez and Holman collected specimens on sugar cane on VI-24, and reported an average of 20 nymphs per leaf (det. by T. Kono, CDFA).

FOREST AND SHADE TREES

BLACK PINELEAF SCALE - Nuculaspis californica - In the Southern Coast District, San Diego County, Alpine. On VI-19, T. Smith and M. Webb collected specimens from leaves of Coulter pine, and they report an average of 10 adults per leaf (det. by R. Gill, CDFA).

GENERAL VEGETABLE

SPOTTED ASPARAGUS BEETLE - Crioceris duodecimpunctata - NEW COUNTY RECORD in the San Joaquin Valley District, San Joaquin County, Stockton. On VII-7 C. Irwin found 5 specimens (on 3 plants) feeding on the leaves of Volunteer asparagus on the levee part of a U.S. Navy yard, on the eastern end of Rough and Ready Island (det. by K. Brown, conf. by T. Seeno, CDFA).

WEEDS

AUSTRIAN PEAWEED - Sphaerophysa salsula - NEW SECTION RECORD in the San Joaquin Valley District, Kings County, Stratford. Seven plants observed by J. Dunnicliff on June 24 on an uncultivated land (det. conf. by D. Barbe, CDFA).

WILD GARLIC - Allium vineale - NEW TOWNSHIP RECORD, from the Northern Coast District, Napa County, Napa. On July 2 M. Foskett found a light infestation at the Clay St. and Silverado Tr. area (det. conf. by D. Barbe, CDFA).

DALMATIAN TOADFLAX - Linaria dalmatica - This"A"rated weed collected in the Northern Great Basin District, Siskiyou County, near the Mt. Shasta Agricultural Inspection Station on the Mt. Shasta City Disposal Site on June 29, when Mike Mason found a limited area infested by this weed. Possible new Section Record (det. conf. by D. Barbe, CDFA). The weedwas intercepted in an automobile from Bend, Oregon (destined to San Diego, CA) by O. Sullivan on June 27 (det. conf. by D. Barbe, CDFA)

SCENTED GAURA - Gaura odorata - NEW TOWNSHIP RECORD from the Southern Coast District, Orange County, Laguna Hills. Nolan and Minnesang collected specimens during their routine detection survey on June 18 (det. conf. by D. Barbe, CDFA). -- An additional NEW TOWNSHIP RECORD based on a collection made by N. Afana and R. Hopkins on VI-30 in a rangeland in the same District, in San Luis Obispo County, near Paso Robels, while reporting a limited infestation (det. by D. Barbe, CDFA).

ARTICHOKE THISTLE - Cynara cardunculus- NEW TOWNSHIP RECORD, from the Sacramento Valley District, Butte County, Nelson. Mr. Keck collected one plant on May 21, about 0.3 mi. south of Nelson at the east side of Hwy. 99 (head removed) (det. by D. Barbe, CDFA).

BARB GOATGRASS - Aegilops triuncialis - NEW TOWNSHIP RECORD, from the Sacramento Valley District, Butte County , Stirling City. One plant found by M. Keffer on June 27 near the highway (det. conf. by D. Barbe, CDFA).

DIFFUSE KNAPWEED - Centaurea diffusa - This "A" rated weed found in the Northern Great Basin District, Siskiyou County, Mt. Shasta City in an open field on June 26 by Mike Mason. Only two plants observed (det. conf. by D. Barbe, CDFA). On the Redwood Highway Inspection Station on June 27

D. Rosenbaum detected specimens in a floral arrangement in an automobile from Oregon, destined to Fresno, CA (det. conf. by D. Barbe, CDFA). At the Mt. Shasta Inspection Station on June 23, W. Martin found this weed in a floral arrangement in an automobile from Washington destined to Sacramento (det. conf. by S. Dobbins, CDFA).

SPOTTED KNAPWEED - Centaurea maculosa - Collected in the Northern Great Basin District, Siskiyou County, Weed. On June 27 D. B. Joley found a light, scattered infestation near Hwy. 97, about 10.5 mi. east of Weed (det. conf. by D. Barbe, CDFA).

POVERTY WEED - Iva axillaris - NEW COUNTY RECORD in the Southern Coast District, in San Luis Obispo County, San Miguel. P. Scholetter and R. Hopkins, on VII-3 reported an area, approximately 0.2 acres heavily infested by this weed in a dry drainage ditch near town (det. by D. Barbe, CDFA).

SCOTCH THISTLE - Onopordum acanthium - NEW COUNTY RECORD in the Sacramento Valley District, Sutter County, Yuba City. Dave Wilson found a light infestation on VII-6 (det. by D. Barbe, CDFA).

FIELD NOTES

PEAR PSYLLA - Psylla pyricola - In Los Angeles County, G. Mork and G. Maxwell reports infestation on pear near Lake Hughes. An approximate 5-acre orchard found with 90% of the trees infested. Honeydew was very heavy, making trees and ground sticky. Small and large immatures and adults are numerous, an estimated 100 specimens per beat. In Valyermo, Mork and Maxwell found a 50-acre pear orchard infested with small and large nymphs and adults. The infestation was estimated at about 50% and produced 3 specimens per beat. Honeydew production was moderate to heavy. Adults seem resistant to Guthion, as reported. Thank you for the report!

ADDITIONAL INFORMATION RECEIVED

HONEY LOCUST POD GALL MIDGE - Dasineura gladitchiae - (refer to p.94 of No.25, 1980)

We received the following additional information on the distribution of this species in California from Cooperative Extension, University of California, Solano County, dated June 30. "I note in your June 20 Pest Report your request for "new finds" of the Honey Locust Pod Gall Midge. Marlene Oberti Dessel found what I believe are Dasineura gladitchiae on a Sunburst locust in front of the Suisun Valley Nursery, Suisun Valley Rd and Morrison Lane, Fairfield, Solano County. I observed another small infestation on Cordelia Rd. (I. Hopkins) the same day. -- James E. DeTar, Farm Advisor, Pomology- Entomology."

Thank you for the contribution!

The following is a list of recent finds of Mediterranean fruit fly, Ceratitis capitata, (Wied.) in Santa Clara County.

VI-5-80 Delmas Ave. at Atlantic Ave., San Jose
Jackson trap in citrus, Maggi and Dufour, coll.
2♂♂, Det. K. S. Corwin, CDFA (80F17-15)

VII-3-80 1590 Newhall, San Jose
Jackson trap in orange, L. Ahlberg, coll.
2♂♂, Det. K. S. Corwin, CDFA (80G7-1)

VII-7-80 482 Willard St., San Jose
Loquat fruit, Hewitt, coll.
2 probable pupae, Det. K. S. Corwin, CDFA (80G8-11)

VII-7-80 690 Homestead, Santa Clara
Jackson trap in lemon, L. Ahlberg, coll.
2♂♂, Det. K. S. Corwin, CDFA (80G8-12)

VII-7-80 1824 Market St., Santa Clara
Jackson trap in apricot, L. Ahlberg
2♂♂, 1♀, Det. K. S. Corwin, CDFA (80G8-13)

VII-7-80 1011 Lewis St., Santa Clara
Jackson trap in loquat, L. Ahlberg
3♂♂, Det. K. S. Corwin, CDFA (80G8-14)

VII-7-80 610 Monroe, Santa Clara
Jackson trap in plum, L. Ahlberg
10♂♂, Det. K. S. Corwin, CDFA (80G8-15)

VII-7-80 1274 Alviso St., Santa Clara
Jackson trap in lemon, L. Ahlberg, coll.
3♂♂, Det. K. S. Corwin, CDFA (80G8-16)

VII-8-80 560 Franklin St., Santa Clara
Jackson trap in loquat, M. Beavers, coll.
2♂♂, Det. K. S. Corwin, CDFA (80G9-32)

VII-8-80 1111 Harrison Street, Santa Clara
Orange fruit, Ahlberg, Hewitt & Wijtman, colls.
1 larva, Det. K. S. Corwin, CDFA (80G9-33)

The following is a list of recent finds of Mediterranean fruit fly, Ceratitis capitata, (Wied.) in Los Angeles County.

VI-5-80 19835 Parthenia, "Canoga Park" (Northridge)
Jackson trap in orange, Suzuki, coll.
1♂, Det. K. S. Corwin, CDFA

VI-17-80 Alley behind 19835 Parthenia St., Northridge
Loquat fruit, Armanious and Routhier, colls.
8 probable pupae, Det. K. S. Corwin, CDFA
and R. Kobayashi, USDA (80F19-8)

VI-18-80 Alley behind 19835 Parthenia St., Northridge
Loquat fruit, Armanious and Sudduth, colls.
13 larvae, Det. K. S. Corwin, CDFA
and R. Kobayashi, USDA (80F20-1)

VI-19-80 7345 Forbes, Reseda
Jackson trap in grapefruit, Rosenberger, coll.
1♂, Det. E. Chao, L. A. Co., and K. S. Corwin, CDFA
(80F23-1)

VI-26-80 6835 Jellico, Reseda
Jackson trap in Orange, Suzuki, coll.
1♀, Det. E. Chao, L. A. Co. (no state no.)

SIGNIFICANT AGRICULTURAL PEST FINDS

For the week ending July 11, 1980

Scientific Name	Common Name & Rating	Origin	Locality	Collector	Date	I.D. by
Ceratocystis ulmi	Dutch elm disease A	Siberian elm	CONTRA COSTA CO.: Walnut Creek	Short/Barton	VII-17	Tidwell
		sample	MARIN CO.: San Rafael	Pool/Gralapp	VI-10	Tidwell
		English elm	Ross	Godfrey	VI-10	Tidwell
		European elm	Ross	Pool/Gralapp	VI-18	Tidwell
		European elm	Ross	Gralapp/Pool	VI-18	Tidwell
		sample	SANTA CLARA CO.: not given	C. Smith	VI-9	Tidwell
		sample	not given	F. Ondricek	VI-12	Tidwell
		sample	SAN MATEO CO.: not given	C. Smith/ F. Ondricek	VI-11	Tidwell
		European elm	Redwood City	Sullivan	VI-17	Tidwell
		sample	SONOMA CO.: not given	M. Pitchard	VI-10	Tidwell
		sample	not given	Vernon	VI-16	Tidwell
		European elm	Santa Rosa	Suddath	VI-18	Tidwell
Lymanthria dispar	Gypsy moth A	Pheromone trap	Santa Cruz	J. Bauer	VII-9	Eichlin
Rhagoletis indifferens	Cherry fruit fly A	OREGON	Mt. Shasta Insp. Station	Evans	VI-23	Corwin
		"	"	Tracy	VI-23	Corwin
		"	"	Stirling	VI-23	Corwin
		"	"	Nelson	VI-23	Corwin

Scientific Name	Common Name &	Rating	Origin	Locality	Collector	Date	I.D. by
Rhagoletis indifferens (cont.)	Cherry fruit fly	A	OREGON	Mt. Shasta Insp. Station	Rosenbalm	VI-23	Corwin
			"	"	Sage	VI-23	Corwin
			"	"	Hopkins	VI-24	Corwin
			"	"	Barbour	VI-29	Corwin
			"	"	Barbour	VI-30	Corwin
			"	"	Armstrong	-?-	Corwin
			WASHINGTON	"	Rosenbalm	VI-23	Corwin
			"	"	Tracy	VI-23	Corwin
			"	"	McCready	VI-23	Corwin
			"	"	Sullivan	VI-24	Corwin
			"	"	Prince	VI-24	Corwin
			"	"	Birdwell	VI-24	Corwin
			"	"	Barbour	VI-25	Corwin
			"	"	Birdwell	VI-25	Corwin
			"	"	Barbour	VI-27	Corwin
			"	"	Beamish	VI-27	Corwin
			"	"	Langford	VI-28	Corwin
			"	"	Duncan	VI-29	Corwin
			"	"	Nelson	VI-29	Corwin
			"	"	Hopkins	VI-29	Corwin

SIGNIFICANT AGRICULTURAL PEST FINDS — For the week ending July 11, 1980

Scientific Name	Common Name &	Rating	Origin	Locality	Collector	Date	I.D. by
Rhagoletis indifferens (Cont.)	Cherry fruit fly	A	WASHINGTON	Mt. Shasta Insp. Station	Barbour	VI-29	Corwin
			"	"	Tracy	VI-29	Corwin
			"	"	Nelson	VI-29	Corwin
			"	"	Smith	VI-30	Corwin
			"	"	Smith	VI-30	Corwin
			"	"	Hopkins	VI-30	Corwin
			"	"	Armstrong	VI-30	Corwin
			"	"	Rosenbalm	VI-30	Corwin
			"	"	Duncan	VI-30	Corwin
			"	"	Smith	VI-30	Corwin

CALIFORNIA BLACK LIGHT TRAP REPORT

For the week ending July 11, 1980

DATE	7-7	7-6	7-6	7-7	7-8
LOCATION	Bellota	Roberts Island	Manteca	Collegeville	
TEMPERATURE	83-56		87-56	83-56	84-55
ALFALFA LOOPER *Autographa californica*					
ARMYWORM *Pseudaletia unipuncta*	1394	1063	1911	937	1365
BEET ARMYWORM *Spodoptera exigua*	2			2	
BLACK CUTWORM *Argrotis ipsilon*	23	13	22	1	12
CABBAGE LOOPER *Trichoplusia ni*					
CLOVER CUTWORM *Scotogramma trifolii*	2	8	3	17	29
CODLING MOTH *Laspeyresia pomonella*					
CORN EARWORM, (ETC.) *Heliothis zea*					
FALSE CELERY LEAFTIER *Udea profundalis*					
GRANULATE CUTWORM *Feltia subterranea*					
SALTMARSH CATERPILLAR *Estigmene acrea*		37			2
SPOTTED CUTWORM *Amathes c-nigrum*	9	29	4	14	17
SUGARBEET WEBWORM *Loxostege sticticalis*					5
TOBACCO BUDWORM *Heliothis virescens*					
W. YELLOWSTRIPED ARMYWORM *Spodoptera praefica*	27	25	11	6	2
Variegated cutworm *Peridroma saucia*	6	3	4	6	9
Roughskinned cutworm *Proxenus mindara*	1	3		24	32

61-033 (Est. 5-77)

SAN JOAQUIN COUNTY TOMATO PEST REPORT.

Location	Lodi	Tracy	Fabian Tract	Holp
Number of acres	40	40	80	75
Variety				
Date of survey	7-9	7-9	7-9	7-9
Stage of crop	green fruit	first set	green fruit	green fruit
Pesticide used				
Date pesticide applied				

BLACK LIGHT TRAP COUNTS

Temperature				
Beet armyworm *Spodoptera exigua*				
Tomato fruitworm *Heliothis zea*				
W.yellowstriped armyworm *Spodoptera praefica*				

FRUIT DAMAGE

Number of fruit examined	200	200	400	100
%Beet armyworm X Tomato fruitworm	x1.0	x1.0	x0.25	x2.0
%Tomato pinworm				

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

No. of 2 ft.samples examined	20	20	40	10
Tomato fruitworm	0.05			
Beet armyworm		0.1		
Loopers				
Hornworms				
Other worms				
Stinkbugs				
Pinworms blotchs/10 lvs.				
Leaf miners mines/6 trifoliates				