



COOPERATIVE PLANT PEST REPORT FOR CALIFORNIA

HIGHLIGHTS

INSECTS

GYPSY MOTH (*Lymantria dispar*) -- (A) - 54 (Fiftyfour) finds in the past 30 days as recorded in details below arranged by Counties (in parentheses the name of the state if the origin of specimen was positively traced):

ALAMEDA - Four collections. Egg-masses and pupae all alive on July 13 by Keshmiry and Newell, on outdoor wooden chair (New Jersey); August 25, Hayward, dead larva and pupa on patio furniture by J. Gouvaia (New York); August 7, Pleasanton, dead adult in a trap by Curtner (det. by R. Somerby). - September 11, egg-mass on tire and swing set in Livermore, by Curtner (Pennsylvania) (det. by T. Eichlin).

BUTTE - One collection. Fragment of gypsy moth found on lawn furniture on August 27 by Beneke (Pennsylvania) (det. by T. Eichlin).

CONTRA COSTA - Two collections. August 11, Antioch, egg-mass found by W. Kean on a doghouse (New Jersey); viable egg-masses found on August 21 by S. Ziegler in Danville on garden stepping stones (New Jersey) (det. by R. Somerby).

LOS ANGELES - Five collections. Dead egg-mass, larva and pupa found on August 12 by D. Dyer. Association not mentioned (New York); August 17, West Covina, C. Olson found live and dead egg-masses, larvae and pupae in a pile of firewood, mostly maple, in backyard (Connecticut); Landcaster, August 21, Mork and Maxwell found live egg-masses and empty pupal cases on miscellaneous outdoor items (Massachusetts); Woodland Hills, August 24, L. Silverman found live egg-masses on the side of a wishing well (New York) (det. by R. Somerby). - Topanga, August 7, one adult found in trap by C. Vaughn (det. by T. Eichlin).

MARIN - Five collections. Novato, August 21, adult found by J. Carrino in Gypsy Moth Trap; egg-mass found on September 2, by Nelson on redwood picnic table (Massachusetts) (det. by R. Somerby). - August 5, Mill Valley, adult found in trap by S. Carrino; Novato, August 7, another adult found in trap by J. Carrino; live and dead egg-mass and adults found on August 31 by Schrock in garage and on outdoor items (Connecticut) (det. by T. Eichlin).

ORANGE - Fourteen collections. Egg-mass found on metal ladder on July 31 by R. Wyatt, supposedly alive (Rhode Island); Irvine, August 13, live and dead egg-masses, larvae and pupae found by J. Ellis on outdoor furniture (-?-); August 18, Placentia, R. LeFeuvre found dead larvae and pupa on

lawn chair (New Jersey); Laguna Hills, August 24, J.M. Johnson located dead pupa on metal wheelbarrow (Massachusetts); South Laguna, August 18, some live and dead egg-masses, larvae and pupae found on a trash can by J.M. Johnson (New Hampshire) (det. by T. Eichlin). - Anaheim, August 17, dead larva and pupa located on barbecue by R. LeFeuver (Connecticut); larva and pupa, dead, Mission Viejo, August 18, found by J.M. Johnson (New Jersey); El Toro, August 19, dead larva and pupa on outdoor table, found by J.M. Johnson (New Jersey); Brea, August 21, R. LeFeuvre found dead egg-masses, larva, pupa and adult on a barbecue (New York); Santa Ana, dead egg-mass, larva, pupa, spotted by T. McRoberts on August 24 (New Jersey); Yorba Linda, September 9, dead egg-mass on outdoor furniture by C. Robertson (Connecticut); Laguna Hills, dead larvae and pupae found by J. M. Johnson on September 8 (New Jersey); Mission Viejo, September 10, dead egg-masses, larvae and pupae on redwood table and benches (Connecticut) (det. by R. Somerby).

RIVERSIDE - One collection. Sunnymead, August 20, live egg-mass found on the wheel of lawn mower (New York) (det. by R. Somerby).

SAN BERNARDINO - Two collections. Cucamonga, September 2, dead egg-mass by Cruzen on picnic table and benches (Pennsylvania) (det. by R. Somerby). - Another dead egg-mass found by G. Nash on metal lawn furniture in Highland (Connecticut) (det. by T. Eichlin).

SAN DIEGO - Six collections. Escondido, August 18, live and dead egg-masses, larvae and pupae found by A. Sixtus on trailer tires (Pennsylvania) (det. by R. Somerby). - San Diego, with three finds, August 5, one pupa found by Boch (New York); August 19, dead egg-mass larva and pupa found by R. Williams on outdoor furniture (Connecticut); on August 27, P. Stotz located several dead (?) egg masses, pupae and adults on picnic tables, bicycles and lawn mower (Connecticut). Poway, August 15, B. Bowers located dead larva and pupa on lawn furniture (New Jersey); La Costa, August ? (det. by September 3) Mariscal found dead larva on a grill (New York) (det. by T. Eichlin).

SAN JOAQUIN - One collection. Stockton, August 19, S.K. Barnes spotted dead egg-mass on outdoor furniture (New York) (det. by T. Eichlin).

SANTA BARBARA - Four collections. Santa Maria, dead egg-mass on August 11, found by G. Jansen on picnic table; Santa Barbara, September 10, pupal cases and larval skins found (probably on outdoor furniture; not recorded) by B. Johnston (New York) (det. by R. Somerby). - The following two collections are from Montecito, both on July 29 (received and identified on August 24). Adult specimens found in Delta trap (on oak) and in gypsy moth trap by M. Jess (det. by T. Eichlin).

SANTA CLARA - Saratoga, August 27, several egg-masses, larval skins and pupal cases found by D. Bass on picnic table (Massachusetts) (det. by T. Eichlin).

SANTA CRUZ - Three collections, all from Santa Cruz. Dead pupa found on August 20, by J. Bauer on garden chair (Connecticut); August 19, adult in trap placed on liquidamber, on August 26, adult in trap placed on pine tree, found by N. Winter.

SOLANO - Five collections. All collected in Benicia on August 17 by De Hoop on miscellaneous outdoor articles (Massachusetts) (det. by R. Somerby).

WESTERN CHERRY FRUIT FLY (Rhagoletis indifferens) -- (A) - All collections in traps. In Zoecon traps on apple, August 8, at Mt. Shasta, 13 specimens by S. Stirling; on hawthorne specimens on August 4, also by S. Stirling. - Specimens found in Frick traps: 13 specimens (1 trap on hawthorne, 4 on apple), all on August 20 by S. Stirling, all at Mt. Shasta. An earlier survey (August 8) also at Mt. Shasta, in Frick trap (on hawthorne) resulted in one specimen, on apple - four specimens. Mixture of Frick and Zoecon traps placed in apples at the same time and area resulted in eight specimens, all collected by Sherry Stirling (det. by M. Wasbauer).

BLACK CHERRY FRUIT FLY (Rhagoletis fausta) -- (A) - Lake Almador, one female specimen found on September 3, by M. Morris in a Zoecon trap placed on peach tree (det. by M. Wasbauer).

ORIENTAL FRUIT FLY (Dacus dorsalis) -- (A) - Two collections in Orange County and one in Los Angeles County. Placenti, August 29, one specimen in Jackson trap placed on orange tree, additional specimen also in Jackson trap placed on Feijoa sp. in La Habra. The specimen from Placentia was sexually mature; body parts intact; muscle tissue very dessicated. The other from La Habra with non-dessicated thoracic musculature, and testes indicate that it was probably less than five days old. Collected by G. Jackson. One sexually mature male specimen found in Steiner trap on lime in Pomona on August 7, by T. Wurster (det. by K. Corwin).

MEXICAN FRUIT FLY (Anastrepha ludens) -- (A) - One specimen found in McPhail trap in National City (S.D. County) on August 28, by Barbara J. Caliri. No dye present in head capsule; abdomen missing; no definitive determination of sterility could be made (det. by K. Corwin).

PEPPER MAGGOT (Zonosemata electa) -- (Q) - August 29, found in San Bernardino County by G. Nash (location not given) live larva in pepper (Capsicum frutescens) recently transported from Kendall Park, New Jersey (det. by M. Wasbauer).

CHINESE ROSE BEETLE (Adoretus sinicus) -- (Q) - Buena Park, August 27, adult found in luggage and larve in pineapple by R. Wyatt, recently arrived from Hawaii (det. by F. Andrews).

A WHITEFLY (Parabemisia sp. and Dialeurodes sp.) -- (Q) - These are probably undescribed species from the Philippines. Dead specimens found on Piper sp. on August 31 by S. Rodriquez in Fresno (det. by R. Gill).

ASH/LILAC BORER (Podosesia syringae) -- (Q) - See special report by Dr. Eichlin on page 96 in this issue. Ash, as the first verified host for this species in California.

EASTERN TENT CATERPILLAR (Malacosoma americanum) -- (Q) - Newport Beach, dead eggs and pupa found by J. Ellis on August 8; host not reported; apparently imported from Pennsylvania. - Paso Robles, August 28, dead larva found by M. Hollarman on a step ladder from Massachusetts (det. by T. Eichlin). -- Probably the same Malacosoma sp. found on August 18 by J. Ellis in Costa Mesa on a redwood table, recently arrived from Connecticut; on August 19, Mr. Wong spotted cocoons in San Francisco on miscellaneous outdoor furniture from Pennsylvania (det. by T. Eichlin).

A MITE (Aculops fuchsiae) -- (Q) - Two collections in Alameda County. San Leandro, August 7, by Costa and Musso, on growing tips of Fuchsia sp. - Berkeley, on August 27, by N.T. Brownfield live larvae and adults also on Fuchsia (det. by T. Kono).

JAPANESE BEETLE (Popillia japonica) -- (A) - All collections at airports. All specimens dead: 6 found in San Diego, all on American Airline, and 2 found at L.A. International Airport on American and United Airlines. In all cases found in cargo compartments (det. by F. Andrews).

EUROPEAN CORN BORER (Ostrinia nubilalis) -- (A) - Live larva found in Pepper on September 9, by M. Adams, shipped from Ohio to Arcadia (det. by R. Somerby).

GREEN SHIELD SCALE (Pulvinaria psidii) -- (A) - San Francisco, on August 18, Mr. Rios located live larvae, nymphs and adults on Lychee nuts recently arrived from Hawaii. - Oxnard, August 25, M. Hixson spotted eggs and adults on the leaves of Ficus benjamina from Hawaii. - Stockton, August 13, nymphs and adults found on Hawaiian cut flowers by S. Barnes. - Lockeford, September 8, again on Hawaiian cut flowers T. Watkins found several live nymphs (det. by R. Gill).

LESSER SNOW SCALE (Pinnaspis strachani) -- (A) - Adult specimens found on August 18, by S. Rodriguez in Fresno County (exact location not given) on Cordyline terminalis recently imported from Hawaii (det. by R. Gill).

MAGNOLIA WHITE SCALE (Pseudaulacaspis cockerelli) -- (A) - All finds on imported hosts from Hawaii. - Sylmar, August 13, Miller and Cornett observed some 30 nymphs and adults per leaf on Areca palm; Atascadero (SLO Co.), August 27 R. Skalski, on September 4, J. Bise in San Luis Obispo found numerous adults on Cocos nucifera (det. by R. Gill).

PINK BOLLWORM (Pectinophora gossypiella) -- (A) - Specimen found on July 30 in boll weevil trap in Brawley, Imperial Co., by L. Pineda and T. Bornt (det. by R. Somerby).

BIGHEAD ANT (Pheidole megacephala) -- (Q) - Eight collections, seven of them on cut flowers from Hawaii. Stockton, August 12, 13 and 20, all by S.K. Barnes; August 20, in Lodi, also by Barnes; August 27, in Stockton, by T. Watkins. In Merced, August 14, by S.K. Barnes. Los Angeles on September 2, several specimens on leaves of Taro from Hawaii, collected by M. Adams (det. by M. Wasbauer).

AN ANT (Paratrechina fulva) -- (Q) - Two collections in L.A. County. Compton, August 29, adult found by S. Rawald on the roots of Schefflera sp. originating from Florida. Torrance, August 21, eggs, pupae and adults found on Areca palm by N. Kellam (det. by M. Wasbauer).

WEEDS

DALMATIAN TOADFLAX (Linaria dalmatica) -- (A) - September 3, Yreka, F.D. Horn spotted this weed in a garden, apparently planted by owner (det. by D. Barbe).

YELLOW SPINE THISTLE (Cirsium ochrocentrum) -- (A) - McArthur, Shasta Co., August 19, a small infestation found by D. McBroome which was proven to be a NEW COUNTY RECORD (det. by D. Barbe).

DIFFUSE KNAPWEED (Centaurea diffusa) -- (A) - McArthur, Shasta Co., August 17, Mr. McBroome found some 200 acres heavily infested by this weed (det. by D. Barbe).

MUSK THISTLE (Carduus natans) -- (A) - McArthur, August 14, D. McBroome found a medium infestation in about a one acre area, which constitutes a NEW TOWNSHIP RECORD (det. by D. Barbe).

HALOGETON (Halogeton glomeratus) -- (A) - Mature specimens of this restricted noxious weed found by M. Ebers (Alameda Co.) in an automobile of California registry returning from Nevada, destined to Yosemite (det. by B. Hass).

DETECTION ADVISORY NOTE. - ORIENTAL FRUIT FLY (Dacus dorsalis). On September 14, Eldon Paddock issued the following notes:

Another Oriental fruit fly has been reported from Orange county. This is the second Dacus dorsalis from the county this season and is several miles removed from the first such specimen reported in Alert E13-81. - This catch was also made by County trapper Glenn Jackson from a Jackson trap deployed in a pineapple guava located at 400 N. Walnut in the city of La Habra. - The specimen was confirmed by Karen Corwin of Laboratory Services who indicated the fly to be "probably less than five days old." - The area is to be saturated with traps and will be followed with male annihilation treatment.

(For illustration of the Oriental Fruit Fly refer to page 74 of our CPPR.)

BORDER STATION INTERCEPTION

INSECTS

ALTURAS:-----

WESTERN CHERRY FRUIT FLY (Rhagoletis indifferens) -- (A) - Live larva found in cherry on August 18, by M. Pastell in an automobile returning to California from Washington (det. by M. Wasbauer).

LONG VALLEY:-----

A LEAFROLLER (Archips sp.) -- (Q) - This Tortricid moth larva was found alive on August 11, by R. Donnelly, in homegrown apples from Arkansas, in an automobile destined for Redding (det. by T. Somerby).

MEYERS:-----

APPLE MAGGOT (Rhagoletis pomonella) -- (A) - Larval specimens were found on two occasions in apples by M. Davis. On August 12, in a Minnesota automobile destined for San Francisco; on August 23, in an Iowa automobile also en route to San Francisco (det. by T. Eichlin).

A TENT CATERPILLAR (Malacosoma sp.) -- (Q) - Empty cocoons were found on a tent trailer coming from Maine, on August 26, by E. Morris (det. by T. Eichlin).

GYPSY MOTH (Lymantria dispar) -- (A) - Several live and dead egg-masses, larvae and pupae were found on August 17, by M. Miller on a tent trailer en route to San Francisco from New Jersey (det. by T. Eichlin).

MT. SHASTA:-----

COLORADO POTATE BEETLE (Leptinotarsa decemlineata) -- (A) - One dead adult specimen found in a Washington automobile on August 26, by A.M. Baird (det. by T. Seeno).

HOLLY LEAF MINER (Phytomyza ilicis) -- (Q) - On August 24, L. Behrens found Holly cuttings infested with this species in an automobile from Arizona, traveling through Oregon, destined for Palm Springs (det. by M. Wasbauer).

APPLE MAGGOT (Rhagoletis pomonella) -- (A) - Three interceptions, in all cases live larvae, found in apples. On August 21, D.W. Middleton found infested apples in a California automobile returning from Oregon; on September 2, M. Beale found this species in an Oregon automobile destined for Los Angeles, and on the same day G. Heise intercepted the same in an automobile returning to San Francisco from Oregon (det. by M. Wasbauer). - Three larval specimen were found on September 3, by W. Leslie in apples in an automobile of Washington registry en route to Lodi (det. by K. Corwin).

GYPSY MOTH (Lymantria dispar) -- (A) - Dead larva and pupa found on August 21, by M. Pastell on a trailer traveling from Massachusetts, destination San Francisco (det. by R. Somerby).

USED BEE HIVE. - Not having the necessary inspection papers from Oregon Dep. of Agriculture, a used bee hive was returned to Oregon on August 29, by W.A. Leslie. Used bee hives may carry bee diseases from infected areas.

REDWOOD HWY:-----

WESTERN CHERRY FRUIT FLY (Rhagoletis indifferens) -- (A) - Two interceptions on August 7, in both cases the larvae were found in cherries originating from Oregon, by G. Spencer and C. Blakely (det. by M. Wasbauer).

SMITH RIVER:-----

APPLE MAGGOT (Rhagoletis pomonella) -- (A) - Live larvae were found in apples in an automobile from Minnesota. According to the driver, he picked up the apples from a roadside tree in the Portland area, he could not remember the exact city, reported on August 28, by J. Blakely (det. by K. Corwin).

GYPSY MOTH (Lymantria dispar) -- (A) - Several egg-masses, larva and pupa (dead and alive) were found on August 1, by S. Shelton on a trailer moving furniture from Massachusetts to Fort Bragg; dead egg-masses, larvae and pupa were found on a recreational vehicle from Massachusetts, by J. Blakely (collection date not given, specimens identified on September 11), en route to Los Angeles (det. by T. Eichlin).

WESTERN CHERRY FRUIT FLY (Rhagoletis indifferens) 00 (A) - There were ten interceptions during the first half of August, from which forty live larvae were collected. Three from British Columbia, found on cherries carried in automobiles, destined to Eureka (coll. by J. Harper), Los Angeles and San Diego (by Sue Shelton); five of those collected were of Oregon origin, destined to Los Angeles, and Anaheim (by C. Asher), two were en route to San Francisco (by C.D. Evans) and one on the way to San Fernando (by R. Orloff); one vehicle from Washington heading to Los Angeles, and one from Wisconsin en route to Escondido (by J. Blakely) (det. by M. Wasbauer).

A TENT CATERPILLAR (Malacosoma sp.) -- (Q) - Eggs, larva and pupa (all dead) were found on a recreational trailer, (coll. date not given, identification done on September 11) by J. Blakely, destined for Los Angeles (det. by T. Eichlin).

TOPAZ:-----

WESTERN CHERRY FRUIT FLY (Rhagoletis indifferens) -- (A) - Larvae were found on August 8, by J. Stickney in cherry in an automobile returning from Oregon to Los Angeles (det. by M. Wasbauer).

APPLE MAGGOT (Rhagoletis pomonella) -- (A) - On August 20, in an automobile returning from Iowa to Corona, D. Hoffman found 6 live larvae (det. by M. Wasbauer).

TRUCKEE:-----

APPLE MAGGOT (Rhagoletis pomonella) -- (A) - Live larval specimens were found in apples, carried by automobiles: on August 23, E. Griesemor intercepted two larvae from South Dakota en route to Sacramento; on August 28, B. Stacey collected two specimens of Wisconsin origin destined for San Francisco. On August 20, Mr. Galli found one larva, in pear, from Michigan (det. by M. Wasbauer). - September 9, D. Ross intercepted two larvae in apples from North Carolina, destined for San Francisco; on September 5, she again found larvae in apples from South Dakota on the way to the Bay Area; on September 9, Ric Sigler intercepted 7 larvae in pears from Michigan destined for San Raphael; on the same day LeNeave found one larva in an apple from Nebraska en route to San Francisco (det. by K. Corwin).

A TENT CATERPILLAR (Malacosoma sp.) -- (Q) - A Cocoon was found on August 16, by C. Bobbett on a picnic table on a truck transporting furniture from New York to Stockton (det. by T. Eichlin).

GYPSY MOTH (Lymantria dispar) -- (A) - Larval specimen (condition not mentioned on I.D. request) was found on a picnic table on August 16, by C. Bobbett, on a truck en route from New York to Stockton (det. by R. Somerby).

A WEEVIL (Conotrachelus sp.) -- (A) - One larval specimen was found on September 10, by LeNeave in an apple from Nebraska, the vehicle was destined for San Francisco (det. by T. Seeno).

TULE LAKE:

WESTERN CHERRY FRUIT FLY (Rhagoletis indifferens) -- (A) - Four larvae were found alive in cherry on two occasions: August 4 and August 11, by M. London and M. Spooner in automobiles returning to California from Oregon with destinations of Big Bear and Escondido, respectively (det. by M. Washbauer).

YERMO:

APPLE MAGGOTT (Rhagoletis pomonella) -- (A) - Four interceptions of live larvae all in apples. On August 17, some fifteen infested apples were found by D. Menson in a California automobile returning to Los Angeles from Iowa (det. by K. Corwin). On August 6, J. Reeves found infested apples in an automobile from Illinois en route to Glendale; on the 19th, T. Ross intercepted apples with an infestation in a California automobile returning from Minnesota; on the 23rd, B. Blakey intercepted larvae in another California car returning from Massachusetts to San Bernardino (det. by M. Washbauer).

A TENT CATERPILLAR (Malacosoma sp.) -- (Q) - On August 3, some 20-25 samples of eggs were found by J. Rachuy under a travel trailer from Connecticut on the way to Los Angeles - San Diego area; Live eggs were found on September e, by L. Brodeur on an utility trailer en route from Virginia to Los Angeles (det. by R. Somerby).

A WEEVIL (Conotrachelus sp.) -- (A) - On August 12, T. Ross intercepted live larvae on a trailer, in crab apples, from Nebraska destined to Los Angeles (det. by T. Seeno).

EUROPEAN CORN BORER (Ostrinia nubilalis) -- (A) - Dead larvae and pupae were found on August 3, by D. Cameron in a truck load of corn on the way from South Dakota to Bakersfield (det. by R. Somerby).

GYPSY MOTH (Lymantria dispar) -- (A) - Five interceptions. August 8, R. Shibley found a dead egg-mass on the under side of a trailer from New Jersey with a destination of Los Angeles; on August 18, B. Blakely found several egg-masses, larvae and pupae (some of them dead) on a trailer from Connecticut en route to Newberry Park (det. by R. Somerby). - On August 12, B. Blakely spotted one dead pupa on a truck from Pennsylvania destined for Torrance; on August 15, E. Morris found another dead pupa on a tent trailer from Connecticut on the way to San Diego; on August 17, J. Street located several dead egg-masses and pupae on a

house trailer from New Jersey with a destination of Los Angeles (det. by T. Eichlin).

VERTEBRATES

RED FOX - One interception on August 17, by D.M. Bienenfeld. Specimen found on a truck from Montana, destined to Sacramento. The specimen was left at the Station, owner will try to obtain a permit from F & G.
- By MT. SHASTA.

FERRET - Eight interceptions, eighteen specimens involved. - MT. SHASTA: On August 17, E. Tracy found ten specimens in a truck going from Oregon to Long Beach, they were returned to Oregon; on August 21, H.E. Loving found one specimen in an automobile from Washington, visiting relatives in Modesto; two specimens were found on August 29, in another automobile from Washington en route to Rohnart Park. - BENTON: August 18, M.W. Kainu found one female specimen in a Montana automobile, destination Santa Maria; the specimen was returned. - REDWOOD HWY: One specimen located in an automobile on August 15, by L.R. Sammit en route to Zenia. - TRUCKEE: Two interceptions, on August 15, Mr. Calli found one specimen in an automobile of Washington registry on the way to Fairfield; on August 21, another specimen was found from Utah destined to Sacramento. - TULE LAKE: One specimen (by ?) on August 21 in an automobile (data of destination not legible).

GERBILS - Eleven interceptions, twenty-two specimens involved. - MT. SHASTA: Two specimens were found on August 26, by G. Heicek in an automobile destined for San Francisco; E.M. Baird spotted five specimens on August 21, in a passenger car of Oregon registry destined for Half Moon Bay; on August 26, W.A. Leslie intercepted two specimens in two cars, both from Washington and both en route to Blythe; E. Tracy on August 28, intercepted two specimens from Washington, destined for Los Angeles. - YERMO: Three interceptions. August 16, E. Morris located one specimen in an automobile of Colorado registry on the way to Phelan; two additional interceptions, one from Colorado, one from Nevada (destination and inspector's name not legible on report). - TRUCKEE: Three interceptions, seven specimens involved. On August 8, four specimens were found by Galli in an auto from Missouri destined for Sacramento; August 23, two specimens by (not legible) were found in a passenger car from Virginia en route to San Francisco; one specimen in an automobile of New Hampshire registry on the way to Los Angeles.

WEEDS

DIFFUSE KNAPWEED (Centaurea diffusa) -- (A) - Mature seeds found on September 3, by C. Silva in a floral arrangement originating in Washington carried in an automobile of Oregon registry en route to Los Angeles. Submitted by Mt. Shasta (det. by B. Hass). - Mature achenes were found among other weeds intercepted on July 12, by A. Bennett on a Oregon truck destined to Alturas. Submitted by Tulalake (det. by D. Barbe).

SPOTTED KNAPWEED (Centaurea maculosa) -- (A) - On the dashboard of an automobile returning to California from Montana, on August 5,

Mr. Anderson found several specimens. I.D. confirmed in lab; no mature achenes found. Submitted by Alturas (det. by D. Barbe). - On August 6, S.P. Kelly found specimens in a floral arrangement in an automobile returning from Montana; all turned out to be inert material, no mature seeds present. Submitted by Smith River (det. by B. Hass).

HALOGETON (Halogeton glomeratus) -- (A) - Two interceptions. On August 17, (by A. Fairbanks) in floral arrangement in an automobile of Texas registry and on August 24, (by Pennell) also in a floral arrangement of Colorado origin on the way to Sacramento and San Francisco, respectively. In both cases mature seeds present. (Submitted by Mayers) (det. by B. Hass).

MUSK THISTLE (Carduus natans) -- (A) - August 7, D.J. Rosenbalm intercepted specimens in an automobile of Michigan registry. The weed was picked up in Montana on the way to Leggett. No mature seeds found. (Submitted by Redwood Hwy.) (det. by D. Barbe). - Three interceptions at Smith River Station; specimens picked up in Wyoming; on August 17, in automobile returning from Washington (det. by D. Barbe). August 9, in a California automobile returning from Nevada (det. by B. Hass).

MISCELLANEOUS NOTES

MEDITERRANEAN FRUIT FLY quite frequently is in the news today. I asked Karen Corwin, our MEDFLY person: Karen, could you tell me how many specimens of Med Flies you have identified since we detected the species in California (see CPPR, p. 83, June 1980). The answer was ready in details, which I do not wish to repeat here. In short: More than 8,000 specimens of adult Med fly were identified as such, plus another 10,000 "closely related" flies were screened (looked at). The numbers are even more astonishing when we are talking about fly larvae, it runs pretty close to some 50,000 specimens. All this work is done by five ladies in a room some 15 x 20 feet among tables, cabinets, charts, microscopes, etc. etc. with no space to turn around.

COLOR-PHOTO KEY to Caterpillar pests of California Field and Vegetable Crops, a known identification aid created by Dr. Kirby Brown (Stockton) and published by CDFA's Intergrated Pest Management unit (Lyn Hawkins), is now widely used. I have received several calls on how to obtain copies. On November 7, Lyn published a note, which I summarize as follows:

Minimum order of five copies (1-5) is \$5.00; additional copies \$1.00 each, postpaid. Checks or money orders should be payable to: Cashier, Account No. 1-03-340-11, and mailed to: Cashier, Department of Food and Agriculture, 1220 N Street, Sacramento, CA. 95814. Payment must accompany order. If you need only one copy, it is still free.

Incidentally: there are five more (some of the 4-fold-at page) i.d. color-photo keys in the press now. They will be available some time in October or November 1981.

CPPR, page 64 (July 1981) I published a short note sent to me by Mr. Greenbank. His valuable foll-up on the cutworm problem in alfalfa fields in the Tulelake basin is presented here. Bud, we appreciate your interest and your comments. Keep sending them!

KEN WRIGHT

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Madoc County
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September 14, 1981

Dr. Charles S. Papp
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Plant Industry/Laboratory Services
1220 N Street
Sacramento, CA 95814

Dear Dr. Papp,

I want to give you an up-date on the cutworm problem in alfalfa in the Tulelake basin.

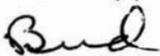
As I said in my previous letter, about 75% of the alfalfa fields in the area were damaged prior to the first cutting. The damage reduced yields from the normal 2½ tons per acre to about 1½ tons per acre and the concern was that a second generation might be produced. A second generation did appear and reduced the second cutting by about 10%. Growers are now in the process of putting up a third cutting and damage of about 5% can be seen in a few fields. It's uncertain whether or not we've had a third generation.

Fields on the valley floor sustained more damage than those on side hills.

Several pesticides which are registered for this use were applied prior to the first cutting but cutworm control was minimal.

Growers are now concerned that the problem will return next year. However, since we have not seen this problem before, the unusually mild winters of the last 2 or 3 years may have caused the high cutworm populations and a normal winter may control them.

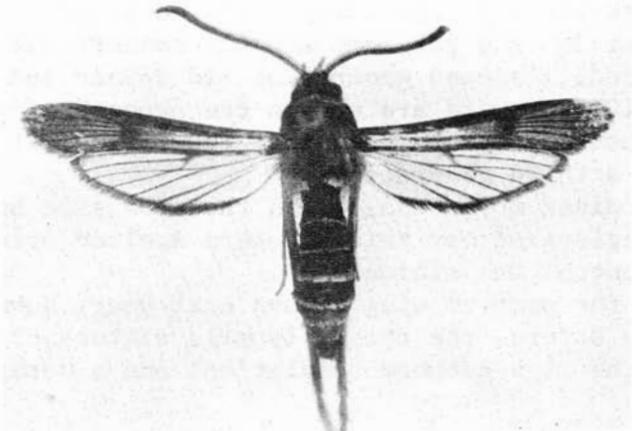
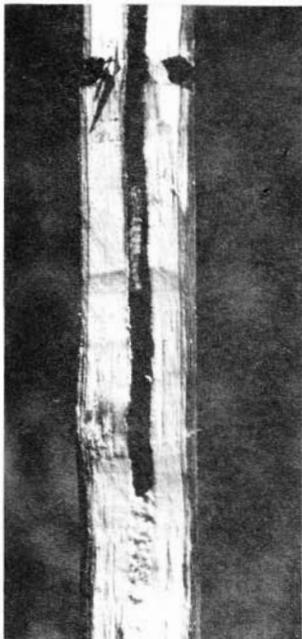
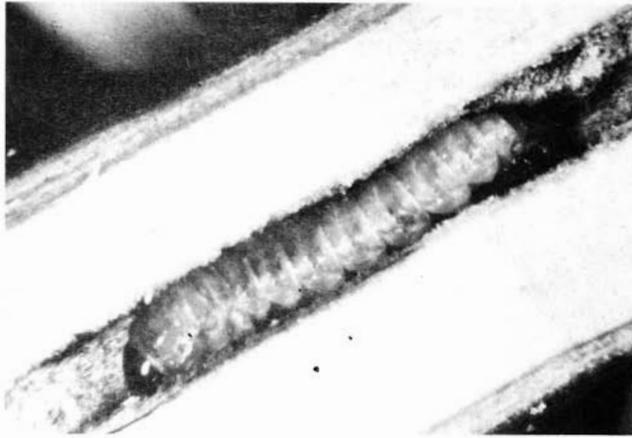
Sincerley,



Clinton B. Greenbank

cc: Ken Wright

HOSTS VERIFIED FOR ASH/LILAC BORDER IN CALIFORNIA



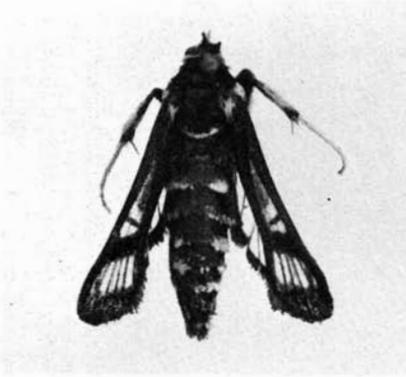
Since the initial discovery by Dr. T.D. Eichlin of an adult ash/lilac borer (*Podosesia syringae* - Sesiidae) in a trap baited with clearwing moth sex attractant in May 1979 in Sacramento (New State Record - 1979, CPPR, 4(18):313), many moths have been trapped throughout the Sacramento area, including Elk Grove (bottom fig.). Although the borer is obviously well established in this area, it wasn't until August 25, 1981 that an infested host tree, a hybrid ash, (center-right fig.) was verified when a larva (top and center-left figs.) was sent from a Rosemont area homeowner, Chris Hillery, to Cooperative Extension person Pam Bone and on to Dr. Eichlin in Laboratory Services/Entomology. Nurseryman, consultant and columnist Dan Pratt appealed to area residents to report any incidence of the borers in their ash, lilac, privet, and particularly any suspects affecting olive trees, a potential but as yet unproven host. Lilac was quickly verified as a host also in California when concerned citizens from the Arden Oaks area of Sacramento, Mr. and Mrs. R. W. Faulkner, Jr., invited Dr. Eichlin to inspect a dying lilac shrub on their property and later sent to the lab. a twig which had damage no doubt attributable to this pest.

The cooperative effort of the various individuals representing private and public interests and alert citizens combined to rapidly provide valuable information, which is useful scientifically and eventually will aid in developing control measures for what should

become an increasing pest problem for homeowners, nurserymen and perhaps orchardists in the event olive becomes a host.

*California Life section, Sacramento Bee, Sept. 5, 1981, page 2.

WHO WILL SURVIVE?



Agriculturalists have long known not to underestimate the strength, adaptability and perserverance of various insects. As further evidence in support of these attitudes, not the example provided by a recent specimen submitted for identification to Dr. Eichlin (see photograph). This rather fragile, attractive looking clear-wing moth (Albuna pyramidalis) (Sesiidae) was sent in by Dave Overhulser, Entomologist for Weyerhaeuser Company, Centralia, Washington. The accompanying specimen label reads as follows, "Mt. St. Helens; 7/23/81; C. Leslie (collector)."

We received remarks on our short stories, like the one on this page. Therefore, the editor is asking you if you have something of interest to share in your desk drawer; please let our readers know about it. Send in those scientific notes (or anecdotes related to your profession); we would like you to share with others.