



COOPERATIVE PLANT PEST REPORT FOR CALIFORNIA

HIGHLIGHTS

INSECTS

GYPSY MOTH (*Lymantria dispar*) - (A) - Reported from ten Counties. Data may be summarized as follows:

SAN DIEGO COUNTY: La Jolla, October 2, by C. Stead, egg mass, larva, pupa and adult alive (?) on outside aluminum furniture (from New York). - San Diego, October 9, by C. Stead, egg mass and larva, dead, on outside barbecue (Connecticut). - El Cajon, October 16, by M. Dorsey, larva, dead, on outdoor patio chair (New Jersey). - Spring Valley, October 19 by M. Dorsey, egg mass and larvae, dead and alive, on shovel and post hole digger (from New York). - San Diego, October 27 by Ginsky, egg mass and larva (condition and exact locality not given) (from Connecticut).

SAN BERNARDINO COUNTY: Ontario, October 6, larval exuviae found on outdoor furniture by Dermin. It is also noted that items had been in storage since July 17, 1981 (from New Jersey).

ORANGE COUNTY: Anaheim, September 29, by J. Clodt, egg mass, larva and pupa, dead and alive on wooden sign and milk cans (from Connecticut); October 12, R. Wyatt found larva and pupa on small garden tools (Massachusetts). - Laguna Hills, October 28, by M. Bennett, dead egg mass, larva and pupa on wooden barrel planter (New York). - Mission Viejo, October 30, by M. Bennett, dead egg mass and pupa on patio chair (from ?).

LOS ANGELES COUNTY: Glendale, October 1, by Miller, egg mass and larva (dead?) found on wood and cement benches (from New York).

SANTA BARBARA COUNTY: No exact locality, collected by R. Douth, on October 28, egg mass (SB Ag. Comm.), (from ?). - No exact locality given, egg masses, by Don Henry, from Gypsy Moth Project, USDA-Gypsy Moth Laboratory, Otis AFB, Mass.

SAN LUIS OBISPO COUNTY: Morro Bay, October 14, pupal and larval exuviae found by R. Skalski on step ladder (from Vermont).

SANTA CLARA COUNTY: Los Gatos, (coll. date not given, determined on Oct. 28), dead larva and pupa by A.V. Castro (from New York). - San Jose, three collections: October 9 by A.V. Castro, dead larva and pupa on picnic bench (from ?); October 14 by A.V. Castro, dead egg mass, larva

CLOUDY WING WHITE FLY (Dialeurodes citrifoli) - (A) - Los Angeles County: Hermosa Beach, October 6. Mr. Kelleam found an average of nine pupae (dead and alive) per leaves of a Dwarf Lemon (from Iowa), (det. by R. Gill).

A MEALYBUG (Rhizoecus americanus) - (Q) - Los Angeles County: Caroga Park, October 28, Cornett and Miller observed ten adults (all alive) per roots of Chrysalidocarpus lutescens from Florida. - San Mateo County: San Carlos, October 12 where L. Buerer found adult specimens on African violet (det. by R. Gill).

WOOLLY WHITEFLY (Aleurothrixus floccosus) - (A) - Los Angeles County, Inglewood, October 12, M. Cohen found specimens (stages not recorded) on citrus (det. by R. Gill).

GREEN SHIELD SCALE (Pulvinaria psidii) - (A) - Stanislaus County, Salida, October 23, T. Watkins located specimens (stages not given) on cut flowers (species not given) recently brought from Hawaii. - The following collections all made on Ficus benjamina: Alameda County: Hayward, October 13, adults collected by J. Gouvaia (origin unknown), and San Mateo County: East Palt Alto on October 7, live eggs, nymphs and adults on stems and leaves by F.E. Sampson, and in Pescadero on November 9, eggs and adults by G. Raabe (the latter from Hawaii) (det. by R. Gill).

MAGNOLIA WHITE SCALE (Pseudaulacaspis cockerelli) - (A) - San Luis Obispo, October 13, R.J. Skalski located dead adult specimens on Coconuts from Hawaii. - Los Angeles County: Culver City, October 14, Mr. Kellam counted some ten live adults per leaves of Areca palm shipped from Florida. - San Bernardino County: Chino, October 13, specimens (dead?) found by Cohen again on Areca palm also from Florida (det by R. Gill).

A MEALYBUG (Pseudococcus sp., undescribed) - (Q) - Two collections in Los Angeles County: Culver City, October 15, M. Adams counted three live nymphs per leaf on Dendrobium sp., and on October 30, Adams and Kellam recorded an average of eight adults per roots on an Orchis species. Both hosts are from Hawaii (det. by R. Gill).

A MEALYBUG (Possibly Dysmicoccus bispinosus) - (Q) - Pomona, November 5, C. Olson Found nymphs (alive) on leaves of Beaucarnea recurvata of Texas origin (det. by R. Gill).

LONGLEGGED ANT (Anoplolepis longipes) - (Q) - San Diego County: Chula Vista, October 16, J. Kenyon found adults (dead) associated with Plumeria; Encinitas, October 20, D. Nielsen spotted adults on Philodendron (all hosts from Hawaii), (det. by R. Gill).

A SCALE (Aspidiella sacchari) - (Q) - San Bernardino County: Chino, October 1, M. Cohen picked up specimens (stage and condition not reported) on Areca palm from Florida (det. by R. Gill).

HORNED SQUASH BUG (Anasa armigera) - (Q) - Los Angeles, November 5, one adult per stem found on Pittosporum (cut branches) by M. Adams. Host of Florida origin (det. by A. Hardy).

A WEEVIL (Poss. Myocalandra sp.) - (Q) - San Luis Obispo, October 30, R. Skalski found larva in coconut imported from Hawaii (det. by F. Andrews).

CLOUDY WING WHITE FLY (Dialeurodes citrifoli) - (A) - Los Angeles County: Hermosa Beach, October 6. Mr. Kelleem found an average of nine pupae (dead and alive) per leaves of a Dwarf Lemon (from Iowa), (det. by R. Gill).

A MEALYBUG (Rhizoecus americanus) - (Q) - Los Angeles County: Caroga Park, October 28, Cornett and Miller observed ten adults (all alive) per roots of Chrysalidocarpus lutescens from Florida. - San Mateo County: San Carlos, October 12 where L. Buerer found adult specimens on African violet (det. by R. Gill).

WOOLLY WHITEFLY (Aleurothrixus floccosus) - (A) - Los Angeles County, Inglewood, October 12, M. Cohen found specimens (stages not recorded) on citrus (det. by R. Gill).

GREEN SHIELD SCALE (Pulvinaria psidii) - (A) - Stanislaus County, Salida, October 23, T. Watkins located specimens (stages not given) on cut flowers (species not given) recently brought from Hawaii. - The following collections all made on Ficus benjamina: Alameda County: Hayward, October 13, adults collected by J. Gouvaia (origin unknown), and San Mateo County: East Palt Alto on October 7, live eggs, nymphs and adults on stems and leaves by F.E. Sampson, and in Pescadero on November 9, eggs and adults by G. Raabe (the latter from Hawaii) (det. by R. Gill).

MAGNOLIA WHITE SCALE (Pseudaulacaspis cockerelli) - (A) - San Luis Obispo, October 13, R.J. Skalski located dead adult specimens on Coconuts from Hawaii. - Los Angeles County: Culver City, October 14, Mr. Kellam counted some ten live adults per leaves of Areca palm shipped from Florida. - San Bernardino County: Chino, October 13, specimens (dead?) found by Cohen again on Areca palm also from Florida (det by R. Gill).

A MEALYBUG (Pseudococcus sp., undescribed) - (Q) - Two collections in Los Angeles County: Culver City, October 15, M. Adams counted three live nymphs per leaf on Dendrobium sp., and on October 30, Adams and Kellam recorded an average of eight adults per roots on an Orchis species. Both hosts are from Hawaii (det. by R. Gill).

A MEALYBUG (Possibly Dysmicoccus bispinosus) - (Q) - Pomona, November 5, C. Olson Found nymphs (alive) on leaves of Beaucarnea recurvata of Texas origin (det. by R. Gill).

LONGLEGGED ANT (Anoplolepis longipes) - (Q) - San Diego County: Chula Vista, October 16, J. Kenyon found adults (dead) associated with Plumeria; Encinitas, October 20, D. Nielsen spotted adults on Philodendron (all hosts from Hawaii), (det. by R. Gill).

A SCALE (Aspidiella sacchari) - (Q) - San Bernardino County: Chino, October 1, M. Cohen picked up specimens (stage and condition not reported) on Areca palm from Florida (det. by R. Gill).

HORNED SQUASH BUG (Anasa armigera) - (Q) - Los Angeles, November 5, one adult per stem found on Pittosporum (cut branches) by M. Adams. Host of Florida origin (det. by A. Hardy).

A WEEVIL (Poss. Myocalandra sp.) - (Q) - San Luis Obispo, October 30, R. Skalski found larva in coconut imported from Hawaii (det. by F. Andrews).

WHITEMARKED TUSSOCK MOTH (Orgyia leucostigma) - (Q) - San Luis Obispo County: Los Osos, October 13, R. Skalski found a dead specimen in a boat trailer of Illinois origin (det. T. Eichlin).

A TINEID MOTH (near Opogona) - (Q) - Dead larva and adult specimen found on November 13 by (?) in San Diego on a tree fern imported from Hawaii (det. by T. Eichlin).

SOUTHERN ARMYWORM (Spodoptera eridania) - (Q) - Placer County: Lincoln, October 5, K. Stark and N. Procissi found dead specimen on cut decorative fern shipped from Florida (det. by T. Eichlin).

AN ARMYWORM (Spodoptera latifasciata) - (Q) - Live larva found in soil of potted Schefflera arboricola (from Florida) in Valley Center, San Diego County on September 29, by S. Desserich (det. by R. Somerby).

A TENT CATERPILLAR (Malacosoma, prob. americanum) - (Q) - Santa Clara County: Morgan Hill, October 22, Mr. Awbrey found eggs and pupa in an aluminum boat recently moved from Connecticut (det. by T. Eichlin).

A MITE (Aculops fuchsiae) - (Q) - Two collections. Orange County: Huntington Beach, October 30, a Fuchsia plant found infested by Mrs. Charlotte Shodahl (the owner). Numbers of nymphs and adults found on buds, petioles, growing tips and leaves. She received the plant from an Oakland nursery. - San Francisco, October (?) specimens found again on Fuchsia by C. Seymour (det. by T. Kono).

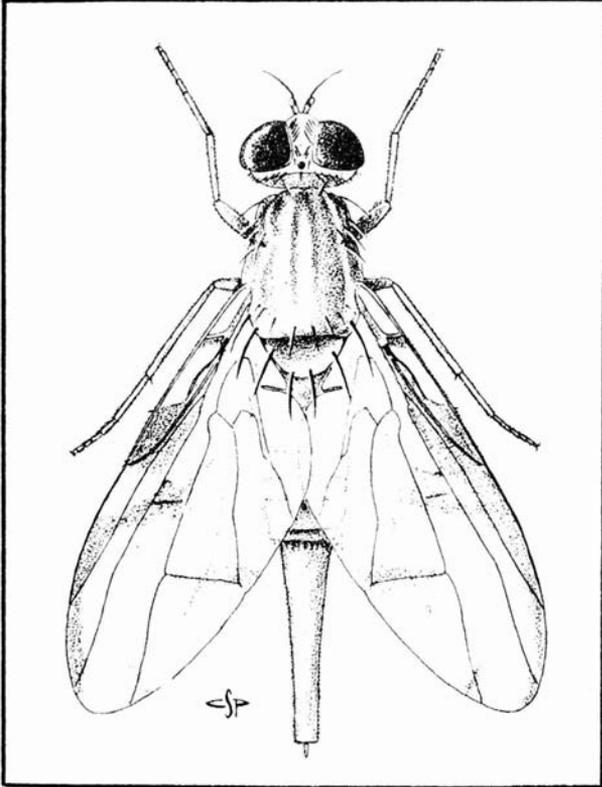
A SNAIL (Lamellaxis gracilis) - (Q) - Los Angeles County: Walnut, October 27, D. Papilli found some dead and live specimens (adults) on Ficus decora, Ficus benjamina, and Chamaedorea sp., all of Florida origin. - San Dimas, November 4, adult and juvenile found on a root of a plant (species of host not reported by C. Olson; host is from Florida (det. T. Kono).

SUBULINA SNAIL (Subulina octona) - (Q) - Two collections in Los Angeles County: Walnut, October 27, live specimens (adults) found by D. Papilli on Chrysalidocarpus lutescens, and Ficus benjamina. Hosts are from Florida (det. by T. Kono).

A SNAIL (Bradybaena similaris) - (Q) - Seven collections in Los Angeles County: Five in Walnut between October 6 and 27, (all by D. Palilli) on the following hosts (all from Florida): Areca palm, Chamaedorea sp., Chrysalidocarpus lutescens, Ficus decora, and Ficus benjamina; Torrance, October 27, Kellam and Murphy found four adults on the roots of Ficus decora from Florida; San Dimas, October 4 and 27, Olson, found three juvenales per roots of Areca palm of Florida origin. - San Bernardino County: Chino, October 1, M. Cohen found adults in soil (host plant Chamaedorea erumpens) from Florida (dets. by T. Kono).

FLORIDA CARPENTER ANT (Camponotus abdominalis floridanus) - (Q) - Los Angeles County: Walnut, October 27, D. Papilli found adults in soil (host Ficus decora) from Florida (det. by M. Wasbauer).

MEXICAN FRUIT FLY
(Anastrepha ludens) TRAPPING



All trappings are in San Diego County. No "wild fly" found. Trap collection results are as follows:

National City: October 7, McPhail Trap on orange. No dye present in ptilinum; ovaries show evidence of irradiation.

San Diego: Two collections, both in McPhail Trap. On orange, November 11, one sterile female, on November 2, one sterile male and one sterile female on Sapote.

San Ysidro: September 30, one male in Jackson Trap on orange, presence of blue dye confirmed. Four males and 18 females in Jackson Trap on orange, presence of blue dye also confirmed. - October 5, four adults in Jackson Trap on orange, one female dyed; in two females and one male gonads show evidence of irradiation. - October 8, in McPhail Trap on orange in two traps. In one, nine females and one male with dye,

and three females with no dye, but gonads show evidence of irradiation. In the other seventeen males and fiftysix females with dye, and two females with no dye, gonads with evidence of irradiation. - October 16, four collections. One female in Jackson Trap on orange, blue dye present. All the followings from McPhail Traps on grapefruit. Three males and five females with no dye, gonads show evidence of irradiation; two females dyed blue, additional two males and four females with no dye, gonads with evidence of irradiation; one male and three females, no dye, gonads show evidence of irradiation. - October 21; three collections in Jackson Traps. One male and five females dyed blue, one female ovaries show evidence of irradiation, on grapefruit; one male on orange, dyed blue; one male dyed blue, and one female ovaries irradiated, found on lime. In McPhail Traps, three collections, two on grapefruit: sixteen males and forty-one females, all steriles, and thirty-two males and one hundred thirty females, also steriles; one trap on orange, with two females, ovaries show evidence of irradiation. - October 30, on Yeast (grapefruit), sixteen males and thirty-four females in McPhail Traps, confirmed sterile release flies. Additional two males and five females on Sapote all steriles (all dets. by K. Corwin).

FIELD NOTE

POWDERY MILDEW (Cleistothecia) - D. G. Kontaxis (U.C. Coop. Extension, Pittsburgh, CA. 94565) found extremely large numbers of sexual spores in Brentwood, Contra Costa County on mature pumpkin. It is interesting to know, that such spores were first found by D.G. Kontaxis in 1978 in Imperial Valley. Percentage of crop loss, acreage of infestation were not determined. - Thank you for the note.

(CSP)

BORDER STATION INTERCEPTIONS

ALTURAS:-----

APPLE MAGGOT (Rhagoletis pomonella) - (A) - Larvae found by J. Kirby on October 4, in apples carried in an automobile from Oregon en route to Sacramento, (det. by K. Corwin).

BLYTHE:-----

EUROPEAN CORNBORER (Ostrinia nubilalis) - (A) - Two interceptions. October 15, K. Powell detected live larvae in ear corn in a truck with the shipment of Pennsylvania origin on the way to San Diego; on October 15, G. Hart located corn on cob and stalks in a car from Illinois en route to Los Angeles, (det. by R. Somerby).

HICKORY SHUCKWORM (Laspeyresia caryana) - (A) - Five interceptions. October 13, G. Hart detected live larvae in pecans carried by an automobile of Florida registry (pecans from Louisiana) destined to Los Angeles; October 14, G.T. Anderson found live larvae in pecan (with husks) from Texas in an automobile returning to San Jose; on the same day G. Hart intercepted another returning automobile carrying pecans from Texas with several live larvae, destined to Los Angeles; October 15, K. Powell found live larvae in pecan from Texas, en route to San Francisco; on the same day K. Powell again intercepted an automobile of California registry with pecans from Louisiana containing live larvae (dets. by R. Somerby).

MT. SHASTA:-----

APPLE MAGGOT (Rhagoletis pomonella) - (A) - Twenty-two interceptions, all live larval specimens, all found in apples. Informations may be summarized as follows:

- October 1, by D.W. Middleton, in automobile from Oregon, to Sacramento;
- October 4, by P. Mefford, in a truck from Pennsylvania, to Los Angeles;
- October 5, by W. Lewett, in a truck from Oregon, en route to Los Angeles;
- October 6, by D.W. Middleton in automobile from Oregon, to California general;
by M. Garrison, in automobile from Oregon, to Sacramento;
by G. Leslie, in automobile returning from Oregon;
- October 7, by C. Silva, in Oregon automobile, en route to Los Angeles;
- October 10, by C. Kimball, in automobile from Oregon to California general;
by W. Leslie, California automobile returning from Oregon to San Jose;
- October 11, by D.W. Middleton, the same, returning to Chico;
by R.C. Barbour, in an automobile from Oregon to Bakersfield;
- October 12, by G. Leslie, in an automobile from Washington to Tahoe;
by D.M. Bienenfeld, in Oregon automobile en route to San Francisco;
- October 14, by D.W. Middleton, automobile from Oregon, on the way to Lodi;
by D. Armstrong, automobile of Oregon registry, en route to Los Angeles;
by M. Garrison, again from Oregon destined to Indio;
- October 15, by D.W. Middleton, in an Oregon automobile, en route to Sacramento;
by D.W. Middleton, in an automobile returning to California, Santa Cruz;
- October 16, by C. Silva, in Oregon automobile destined to San Jose;
- October 17, by P. Mefford, in an automobile (State?) from Oregon destined to Sacramento;
- October 19, by C. Silva, California automobile returning from Oregon to Chico;

October 19, by W. Palmer, in a U-haul truck from Oregon, en route to Susanville, (all dets. by K. Corwin).
October 22, by D.W. Middleton, in an Oregon automobile destined to San Francisco;
October 23, by the same, in an automobile of Texas registry, fruits purchased in Ontario, Canada, on the way to Sacramento;
October 25, by R.C. Barbour found larvae in an Oregon automobile en route to Los Angeles;
October 26, by H.E. Loving, in a Michigan automobile on the way to Blythe;
October 27, by D.W. Middleton, in a returning automobile from Oregon to Hemet.

TENT CATERPILLAR (Malacosoma sp.) - (Q) - Egg mass found on trailer from New York, en route to Palm Beach on October 26, by D.M. Bienenfeld (det. by R. Somerby).

EUROPEAN CORN BORER (Ostrinia nubilalis) - (A) - October 28, C. Silva detected larval specimen inside of a corn cob from Illinois in an automobile, destined to Sacramento (det. by T. Eichlin).

HOLLY LEAF MINER (Phytomyza ilicis) - (A) - Two interceptions of Washington origin, October 14 and 17 (both by R. C. Barbour) in automobiles destined to Ojai and Bishop, respectively; on October 18, by C. Silva, in automobile from Oregon, en route to Fairfield (dets. by K. Corwin).

NEEDLES:-----

GYPSY MOTH (Lymantria dispar) - (A) - Egg mass found on October 22 by G. Hart on a camp trailer from Connecticut with destination Granada Hills (det. by T. Eichlin).

ORIENTAL SCALE (Aonidiella orientalis) - (Q) - G.T. Andersen found coconuts with caps in an automobile returning on October 29 from Florida to Los Angeles (det. by R. Gill).

WALNUT HUSK MAGGOT (Rhagoletis suavis) - (A) - October 29, G. Hart found walnuts with husk of Arkansas origin in a California automobile returning to Stockton. - K. Powell found (no collection data given on I.D. slip) in another California automobile returning from Arkansas, in walnuts, destined to Campbell (dets. by K. Corwin).

HICKORY SHUCKWORM (Laspeyresia caryana) - (A) - October 20, G.T. Andersen found live larvae in hickory nuts with husks from Oklahoma in a California automobile returning to Los Angeles. - On the 21st, two California automobiles were intercepted by G. Hart, both en route to Los Angeles; one with pecans, the other with hickory nuts, containing live larval specimens. - Six interceptions on October 22 (2 by K. Powell, four by G. Hart), all in automobiles. Two California automobiles, one with pecans from New Mexico, on the way to Bakersfield, the other with hickory nuts from Oklahoma, destined to Porterville; additional four: one from Missouri (to Brea), Arkansas (to Lake County), Texas (to San Jose), and Oklahoma (to Monteca) (all dets, by T. Eichlin).

REDWOOD HWY:-----

GYPSY MOTH (Lymantria dispar) - (A) - Dead larva and pupa found on a travel trailer from Massachusetts on October 12, by T. Hopkins. Destination: Los Angeles (det. by T. Eichlin).

APPLE MAGGOT (Rhagoletis pomonella) - (A) - September 15, T. Hopkins found live larvae in apples of Indiana origin in an automobile, en route to Bakersfield. - September 16, D.J. Rosenbalm detected live larval specimens in apples from Iowa, car destined to Lake Tahoe; October 5, A.D. Troutt found live larvae in another Iowa automobile, en route to Crescent City; October 6, a Colorado automobile with apples purchased in Oregon, produced live larvae (by A.D. Troutt), which would end up in San Diego; October 8, again Rosenbalm intercepted infested Wisconsin apples in an Ohio automobile, on the way to San Francisco; she again found live larvae on October 22 in apples of Oregon origin in an automobile of Minnesota registry en route to Crescent City (all dets. by K. Corwin).

SMITH RIVER:-----

HOLLY LEAFMINER (Phytomyza ilicis) - (A) - September 25, C. Asher intercepted plants of Oregon origin in a Colorado automobile destined to Los Angeles (det. by K. Corwin).

A TENT CATERPILLAR (Malacosoma sp.) - (Q) - Eggs found on October 10, by R. Orloff on a recreational trailer of Maryland origin en route to San Diego (det. by T. Eichlin).

APPLE MAGGOT (Rhagoletis pomonella) - (A) - October 18, E. Yslas intercepted larval specimens in apples in an Oregon automobile, on the way to San Francisco. - October 21, R.T. Orloff found apples in a California automobile returning to San Francisco from Oregon; C.D. Evans intercepted an Iowa truck en route to San Francisco, and a passenger automobile from Maryland destined also to San Francisco, with infested apples. - October 27, S. Shelton found larvae in apples purchased in Washington, carried by an automobile of Arizona registry, destined to Los Angeles (all dets. by K. Corwin).

TRUCKEE:-----

EUROPEAN CORN BORER (Ostrinia nubilalis) - (A) - October 31, M. Miller located live larvae in corn of Kansas origin in a California truck returning to Oakland. - November 2, R. Clemensten found live larvae in milo stalk from Nebraska (kind of shipment and vehicle not recorded) en route to San Leandro (dets. by R. Somerby and T. Eichlin, respectively).

APPLE MAGGOT (Rhagoletis pomonella) - (A) - F. Quilici found live larvae in apples from Minnesota on October 7, in an automobile, destined to San Francisco. - The same located live larvae in Iowa apples in a California automobile returning to Roseville. - October 23, A. Fabre detected infestation in apples originating in Virginia, automobile was on the way to San Francisco (all dets. by K. Corwin).

TULELAKE:-----

APPLE MAGGOT (Rhagoletis pomonella) - (A) - Four interceptions by Anderson: October 2, in apples of Oregon origin in a truck destined to Blythe; October 22, in an automobile with fruits of Oregon origin en route to Doyle; same day Oregon apples destined to Redding; November 2 again of Oregon origin on the way to Adin.- M. Spooner found infested apples of Oregon origin in a Nevada automobile on November 2, destined to Tahoe (dets by K. Corwin).

EUROPEAN CORN BORER (Ostrinia nubilalis) - (A) - Live larvae found in corn ears on October 29, by M. Spooner in an Iowa automobile on the way to Vacaville (det by T. Eichlin).

EUROPEAN FRUIT SCALE (Possibly Quadraspidiotus Ostreaeformis) - (Q) - Nymphs only on apples from Oregon, on October 20, intercepted by Anderson in an automobile en route to Canby (det. by R. Gill).

WINTERHAVEN (BLYTHE):-----

HICKORY SHUCKWORM (Laspeyresia coryana) - (A) - Larval specimens found on November 4 by G. Hart in pecan of Texas origin in an automobile of Wisconsin registry en route to San Diego; again in a California automobile (pecans of Texas origin) returning to San Diego; same day K. Powell and G.T. Andersen intercepted two automobiles one of Idaho registry (en route to San Diego), and the other of California registry (returning to Santa Clara), carrying pecans of Texas origin. November 5, G.T. Anderson found infested pecans of Arkansas origin in a California automobile returning to San Diego (all dets. by R. Somerby).

WALNUT HUST MAGGOT (Rhagoletis suavis) - (A) - October 8, G.T. Andersen intercepted an automobile carrying black walnuts with husks of Oklahoma origin destined to San Diego (det. by K. Corwin).

WALNUT HUST MAGGOT (Rhagoletis suavis) - (A) - October 8, G.T. Andersen intercepted an automobile carrying black walnuts with husks of Oklahoma origin destined to San Diego (det. by K. Corwin).

YERMO:-----

EUROPEAN CORN BORER (Ostrinia nubilalis) - (A) - October 2, J. Street found live larvae in an automobile of California registry returning from Nebraska to San Bernardino (det. by R. Somerby). - October 6, E. Morris detected live larvae in corn stalk from Minnesota, automobile destined to Los Angeles (det. by T. Eichlin).

APPLE MAGGOT (Rhagoletis pomonella) - (A) - October 13, two interceptions, both by J. Street: in a California automobile returning from Nebraska to Pacific Palisades, and an automobile of Illinois registry with local apples, on the way to San Bernardino. - October 13, M. Lozano found live larvae in apples carried from Iowa, en route to Los Angeles (det. by K. Corwin).

WALNUT HUSK MAGGOT (Rhagoletis suavis) - (A) - October 4, J. Street found live larvae in black walnut from Minnesota in an automobile of California registry returning to Los Angeles (det. by K. Corwin).

GYPSY MOTH (Lymantria dispar) - (A) - Dead larvae, pupae and egg masses found on October 27 by J. Rachuy on undercarriage of a trailer of Massachusetts origin, en route to San Francisco and San Diego (det. by T. Eichlin).

WEEDS

DIFFUSE KNAPWEED (Centaurea diffusa) - (A) - In an automobile of Washington registry on October 5, G. Leslie intercepted this weed in a floral arrangement purchased by the driver in Oregon; destination Placerville (det. by J. Chesi). - October 31, in a Canadian automobile (B.C.) another floral arrangement of Oregon origin intercepted by G. Leslie, en route to Tahoe (det. by J. Chesi). - October 13, C. Silva found this weed in a floral arrangement from Oregon in a California automobile returning to Fresno (det. by D. Barbe). - A California automobile returning from Idaho on October 31 with a floral arrangement of Idaho origin, found by M. Miller; destination Stockton (det. by D. Barbe).

SPOTTED KNAPWEED (Centaurea maculosa) - (A) - October 8, H.E. Loving found this weed in a floral arrangement of Idaho origin in an automobile of Oregon registry en route to Carmel. - October 31, M. Miller located specimens in an automobile returning to California (Stockton) from Idaho (det. by D. Barbe).

MUSK THISTLE (Carduus nutans) - (A) - October 10, C.O. Evans spotted specimens in a floral arrangement of Oregon origin in a California automobile returning to Fresno (det. by D. Barbe).

HOLOGETON (Hologeton glomeratus) - (A) - October 5, specimens (probably in floral arrangement?) was intercepted by M. Lorano in an Illinois vehicle. Weed supposedly of Wyoming origin. Vehicle en route to Los Angeles (det. by D. Barbe).

VERTEBRATES

FERRETS: - Five interceptions (all at Mt. Shasta) between October 27 and November 8, involving seven specimens.

GERBIL: - Three interceptions (all at Mt. Shasta) between November 1 and 7, involving three specimens.

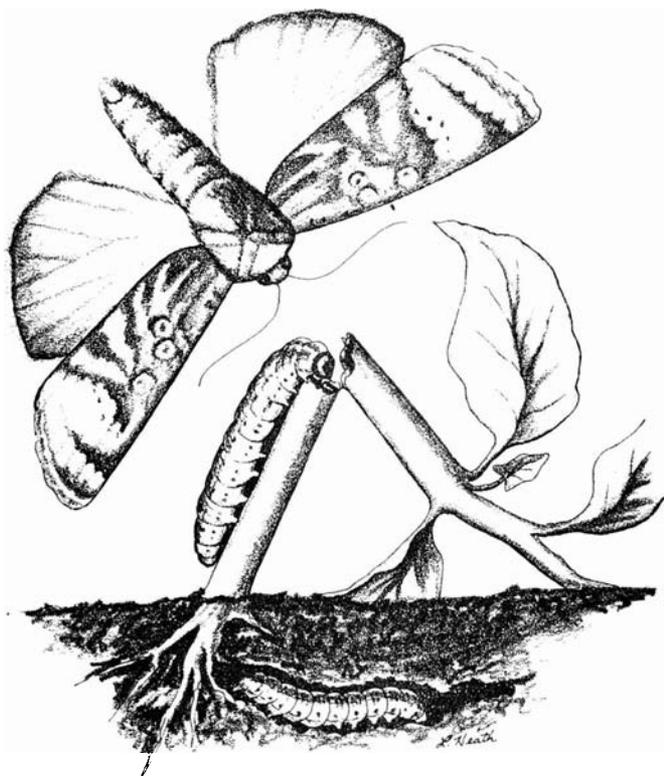
GREAT HORNED OWL: - One specimen on November 5 (from Oregon), left at Mt. Shasta Station for California Fish and Game to pick up.

NEW PUBLICATION

SOURCE BOOK OF URBAN PEST MANAGEMENT: - Compiled by George Loughner and Don Weaver. Published by the California Department of Food and Agriculture, Division of Pest Management; 1220 N Street, Sacramento, California 95815. 70 pages (8½"x11"), illustrated. Price: In binder \$6.00, without binder \$4.50.

This book, as stated by the authors in the title, is a real source book, dealing with urban pest management practices directed to the general public. It contains invaluable information for the homeowner, concerning alternative methods of pest control. A detailed listing of common garden pests and selected control measures initiates the compilation followed by an index to the pests and diseases referred to in the text, all of which are well illustrated. The following is a list of the pest and diseases included:

Aphids. - The Argentine Ant. - Brownbanded Cockroach. - Cucaracha Alemana. - Codling Moth. - Corn Earworm. - Crickets. - Cutworms. - Earwigs. - Fleas. - Honey Bees. - House Fly. - Mealybugs on Houseplants and other Ornamentals. - The "Medfly" and You. - Mites in the Home Garden. - Mosquitoes. - Pantry Pests. - Scales. - Silverfish and Firebrats. - Snails and Slugs. - Sowbugs and Pillbugs. - Spiders. - Termites. - Thripes. - Wasps. - Western Twelve-Spotted Cucumber Beetle. - Whiteflies. - How the Yellow Cards Work. - Suppliers of Beneficial Organisms. - Active Ingredients in Some Commonly Used Home and Garden Products. - Anticoagulants for Rat and Mouse Control. Application Equipment for Home Pest Control. - Pesticide Applications. - Pesticide Formulations. - Pesticide Safety Information. - Apple Scab and Pyracantha Scab. - Ash Anthracnose. - Bacterial Canker of Stone Fruits. -



Broadleaf Mistletoe. - Brown Rot, Blossom Blight on Peach and Nectarine. - Crown Gall on Fruit and Nut Trees. - Dutch Elm Disease in California. - End Rot of Tomato. - Entomosporium Leaf Spot. - Fireblight. - Flower Blight of Camellia. - Fusarium Blight of Turfgrass. - Fusarium Wilt of Tomato. - Gray Mold Blight on Snapdragon and Chrysanthemum. Gray Mold of Strawberry. - Olive Knot and Oleander Knot. - Ornamental Plants Attacked by Botrytis Cinerea. - Peach Leaf Curl. - Powdery Mildew on Euonymus. - Powdery Mildew on Grapes. - Powdery Mildew on Roses. - Rootknot Nematodes in the Garden. - Root Rot Caused by Phytophthora Cinnamomi. - Stem Rust on Bluegrass and Ryegrass. - Sugarcane Mosaic Virus on Sweet Corn. - Sycamore Anthracnose. - Verticillium Wilt on Tomato. -

Wilt Disease on Canary Island Palm. - Garden Fertilizers. - Houseplants. -
Plant Symptoms that are Associated with Deficiencies or Excesses of Certain
Nutrients. - Wood Ashes in the Garden. - Gophers.

Congratulations are extended to the compiler and their co-workers
for an excellent job. It is very refreshing to see the beautifully
executed illustrations of Linda Heath, a talented scientific illustrator,
whoses talents were put to good use by Lyn Hawkins, to whom we all owe a
dept of thanks. It is a shame that this book was typeset on an old-
fashioned varytyper, resulting in numerous and disturbing amounts of
improperly spaced letters, often making reading bothersome. However, the
printing is suprisingly good. I conclude that this publication is a must
for all entomologists. (CSP)

CALIFORNIA BLACK LIGHT TRAP REPORT

For the week ending 10-23 and 10-30

DATE	10-18-81	10-20-81	10-26-81	10-26-81	
LOCATION	Bellota	Manteca	Bellota	Manteca	
TEMPERATURE		83-47		71-51	
ALFALFA LOOPER <i>Autographa californica</i>					
ARMYWORM <i>Pseudaletia unipuncta</i>	88	19	185	46	
BEET ARMYWORM <i>Spodoptera exigua</i>	21	61	39	25	
BLACK CUTWORM <i>Argrotis ipsilon</i>	1	2	3	5	
CABBAGE LOOPER <i>Trichoplusia ni</i>			1		
CLOVER CUTWORM <i>Scotogramma trifolii</i>					
CODLING MOTH <i>Laspeyresia pomonella</i>					
CORN EARWORM, (ETC.) <i>Heliothis zea</i>					
FALSE CELERY LEAFTIER <i>Udea profundalis</i>	2	2	2		
GRANULATE CUTWORM <i>Feltia subterranea</i>	5	21	26	39	
SALTMARSH CATERPILLAR <i>Estigmene acrea</i>					
SPOTTED CUTWORM <i>Amathes c-nigrum</i>		1	2		
SUGARBEET WEBWORM <i>Loxostege sticticalis</i>	1	1	3		
TOBACCO BUDWORM <i>Heliothis virescens</i>					
W. YELLOWSTRIPED ARMYWORM <i>Spodoptera praefica</i>					
NAVEL ORANGE WORM <i>Amyelois transitella</i>	8	11	13	21	
PEACH TWIG BORER <i>Anarsia lineatella</i>		25		70	
VARIEGATED CUTWORM <i>Peridroma saucia</i>		3			

CALIFORNIA BLACK LIGHT TRAP REPORT

For the week ending 11-6, 11-13, 11-20

DATE	11-1-81	11-2-81	11-8-81	11-15-81	
LOCATION	Bellota	Manteca	Bellota	Manteca	
TEMPERATURE		78-44		69-57	
ALFALFA LOOPER <i>Autographa californica</i>					
ARMYWORM <i>Pseudaletia unipuncta</i>	48	18	13	33	
BEET ARMYWORM <i>Spodoptera exigua</i>	10	11	2	6	
BLACK CUTWORM <i>Argrotis ipsilon</i>	3			2	
CABBAGE LOOPER <i>Trichoplusia ni</i>					
CLOVER CUTWORM <i>Scotogramma trifolii</i>					
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>	8	23	2	42	
SALTMARSH CATERPILLAR <i>Estigmene acrea</i>					
SPOTTED CUTWORM <i>Amathes c-nigrum</i>				1	
SUGARBEET WEBWORM <i>Loxostege sticticalis</i>	1				
TOBACCO BUDWORM <i>Heliothis virescens</i>					
W. YELLOWSTRIPED ARMYWORM <i>Spodoptera praefica</i>					
NAVEL ORANGE WORM <i>Amyelois transitella</i>		8		10	
PEACH TWIG BORER <i>Anarsia lineatella</i>		5		8	
FALSE CORN EARWORM <i>Heliothis phloxiphaga</i>				1	
VARIEGATED CUTWORM <i>Peridroma saucia</i>				1	