

Insect Report

WTT's compilation of insect problems occurring in turfgrasses, trees, and ornamentals throughout the country.

TURF INSECTS

MAY BEETLES

(*Phyllophaga* spp.)

Michigan: Increasing in blacklight traps in Lenawee and Livingston Counties since April 23.

CHINCH BUG

(*Blissus Leucopterus*)

Rhode Island: Present in lawns in State.

A MEALYBUG

(*Chorizococcus roestellum*)

Arizona: Moderate in Bermuda grass in Gila and Roll areas, Yuma County.

CLOVER MITE

(*Bryobia praetiosa*)

Maryland: Ranged 500-700 per 10 sweeps on Kentucky bluegrass on turf farm near Ashton, Montgomery County.

SOD WEBWORMS

South Dakota: Present in western and eastern areas; some lawns damaged earlier this year. Nebraska: damaging lawns in Lancaster County; 35 per square yard at one location.

INSECTS OF ORNAMENTALS

APHIDS

(*Macrosiphoniella sanborni*)

Oklahoma: Decreased sharply past week due to lady beetles and syrphid fly larvae; predator-aphid ratio 1:10.

(*Myzocallis arundinariae*)

California: Heavy on bamboo nursery stock and *Neophyllaphis podocarpi* heavy on podocarpus nursery stock at Fresno, Fresno County. *Myzus cerasi* heavy on *Prunus avium* at Sacramento, Sacramento County.

(*Cinara tujafilina*)

Nevada: Heavy on arborvitae at Reno and Sparks area, Washoe County; honeydew heavy.

BAGWORM

(*Thyridopteryx ephemeraeformis*)

Ohio: Nearly all overwintering eggs hatched; larvae out in Scioto County.

SPIDER MITES

(*Tetranychus* spp.)

Nebraska: Increasing rapidly on juniper in south-central counties. New Mexico: Building up on junipers at Las Cruces, Dona Ana County. Arizona: Heavy on pyracantha in many areas of Salt River Valley, Maricopa County.

BOXWOOD PSYLLID

(*Psylla buxi*)

Maryland: Infestation levels above normal this year on American boxwood. Virginia: First adults May 12 on American boxwood at Blacksburg, Montgomery County; populations approximately one-third adults.

AN ARMORED SCALE

(*Hemiberlesia lataniae*)

California: Heavy on yucca nursery stock in Chino, San Bernardino County.

OYSTERSHELL SCALE

(*Lepidosaphes ulmi*)

Ohio: Hatching; crawlers in central area. Lilac most severely damaged; but poplar, grape, pachysandra, and peony occasional hosts. Iowa: Heavy on lilac in Sioux City, Woodbury County. Minnesota: First crawlers May 15 at St. Paul.

PRIVET THRIPS

(*Dendrothrips ornatus*)

California: Light on privet at Cloverdale, Sonoma County. Collected by S. Bradbury, May 8, 1968. This is a new state record.

BLACK VINE WEEVIL

(*Brachyrhinus sulcatus*)

Ohio: Pupation just beginning in Lake County. Mostly late instars and pupae collected in upper inch of soil around bases of *Taxus* plants.

TREE INSECTS

BALSAM TWIG APHID

(*Mindarus abietinus*)

Pennsylvania: Heavy on new terminal growth of Concolor fir in Centre County.

EUROPEAN PINE SHOOT MOTH

(*Rhyacionia buoliana*)

New York: Larvae feeding in Suffolk County. Ohio: Late instars infested 5-10 percent of new shoots in stand of about 200 red pines in Ashland County. Infested 60-80 percent of shoots on some trees. No pupae. Michigan: Larvae moved from overwintering quarters; active within new candles.

NANTUCKET PINE TIP MOTH

(*Rhyacionia frustrana*)

Alabama: First-generation larvae pupated in tips of new growth on isolated young pine plantings in central and southern areas. Oklahoma: First-generation larvae in tips of new pine growth in Murray County. New York: Moths 50 percent emerged in Suffolk County, May 13.

AN OLETHREUTID MOTH

(*Eucosma gloriola*)

Michigan: Caught 11 males and 6 females in Ottawa County plantation.

ARMORED SCALES

(*Phenacaspis pinifoliae*)

Minnesota: Crawler emergence about 75 percent complete at Minneapolis and St. Paul area.

EUROPEAN ELM SCALE

(*Gossyparia spuria*)

Nebraska: Damaging 20 percent of elms at Franklin, Franklin County.

ASIATIC OAK WEEVIL

(*Cyrtipistomus castaneus*)

South Carolina: Collected on oak foliage in Kings Mountain State Park, York County, July 14, 1967. This is a new county record.

Compiled from information furnished by the U. S. Department of Agriculture, university staffs, and WTT readers. Turf and tree specialists are urged to send reports of insect problems noted in their areas to: Insect Reports, WEEDS TREES AND TURF, 9800 Detroit Ave., Cleveland, Ohio 44102.

Automation

(Continued from page 11)

These include axes, shovels, ropes, stakes, etc.

Beverly Hills' truck crane, personnel and material carrier unit, has increased tree planting activity 2-fold. When not being used for planting jobs, it can be found on tree removal jobs or carrying men and maintenance tools to various job sites. For example, at the beginning of a work day, the HYDRA-LIFT may be used to load rotary mowers, power rollers, renovators, or hammer knife mowers on the truck deck, then distribute the men and the machines at various locations throughout the city. This procedure is reversed at the end of the day.