

—insect report—

INSECTS OF ORNAMENTALS

CONIFER APHID (*Cinara canadensis*)

VIRGINIA: Taken on juniper in Montgomery County July 6, 1972. This is a new state record.

CRAPEMYRTLE APHID (*Tinocallis kahawaluokalani*)

MARYLAND: Very heavy and injurious to plant at Baltimore. Population included males, oviparous females, new eggs, and viviparous females. Sexual forms rare.

TREE INSECTS

BARK BEETLE (*Ips calligraphus*)

ALABAMA: Population explosion killed 80-90 percent of 6 to 10-year-old pine plantings on ornamental area around livestock coliseum at Monroeville, Monroe County. Contributing factor may be large pulpwood yard located within 150 feet where salvaged wood stacked for shipment to mills.

ELM LEAF BEETLE (*Pyrrhalta luteola*)

NEW MEXICO: Damage heavy to Siberian elms at Farmington, San Juan County.

VARIABLE OAKLEAF CATERPILLAR (*Heterocampa manteo*)

OKLAHOMA: Heavy infestation on oaks in Bryan County declined. Fully grown larvae left trees in Payne County. ARKANSAS: Specimens submitted from Benton County. Much lighter in northwest area than farther south. Attacked by diseases and parasites in most areas. WEST VIRGINIA: Larval damage heavy on about 300 acres of scattered red and black oaks in Hardy County. OKLAHOMA: Larvae still common on oak trees in Robbers Cave State Park area, Latimer County, October 29.

HEMLOCK LOOPER (*Lambdina fiscellaria*)

WEST VIRGINIA: Larvae caused heavy defoliation of one hemlock tree at Buckhannon, Upshur County. This is a new county record. Larvae caused 75 percent defoliation of hemlocks in 3-acre area in Hancock County October 5.

DOUGLAS FIR TUSSOCK MOTH (*Hemerocampa pseudotsugata*)

NEW MEXICO: Heavy populations caused defoliation of Douglas-fir in Los Alamos, Los Alamos County. Light populations caused some defoliation of spruce and fir in Santa Fe, Santa Fe County.

BENEFICIAL INSECTS

FLEA BEETLE (*Longitarsus jacobaeae*)

WASHINGTON: About 500 adults released on tansy ragwort November 9 near Battle Ground, Clark County. OREGON: Released 500 adults on tansy ragwort rosettes on state land in western Marion County, November 9.

ENCYRTID WASP (*Ooencyrtus kuwanai*)

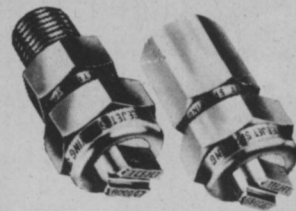
RHODE ISLAND: Released 60,000 against *Porthetria dispar* (gypsy moth) eggs in Providence County October 3.

SAGE WEEVIL (*Phrydiuchus tau*)

OREGON: Total of 448 adults from Yugoslavia released on Mediterranean sage, *Salvia aethiops*, in Lakeview area, Lake County, November 2, 1972. Few live adults observed in July 1972 at two 1971 release sites south and west of Lakeview, indicating successful completion of one life cycle.

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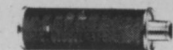


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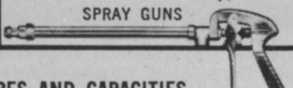


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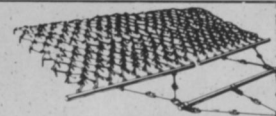
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