

THE INSECT PEST RECORD FOR OKLAHOMA

1939

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The More Important Insect Pests †. The year 1939 was characterized by the absence of many serious or widespread insect outbreaks. The grasshopper infestation has steadily declined from the peak year of 1936 until in 1939 the only serious trouble was experienced in the extreme western counties and the Panhandle. Most of the Federal allotment of bait went to the three Panhandle counties, especially Cimarron where *Dissosteira longipennis*, the long winged plains grasshopper, and *Melanoplus mexicanus*, the lesser migratory grasshopper, were the most important economic species. *M. confusus* was generally distributed over the western half of the State in pastures while *M. differentialis* and *M. bivittatus* were injurious to cotton in Stephens and Jefferson Counties and to alfalfa in Kiowa and Harmon Counties.

The green bug, *Toxoptera graminum* Rond., caused an estimated financial loss of somewhat over half a million dollars to spring oats, winter barley and wheat in the north central part of the State.

FRUIT AND NUT INSECTS

- Acrobasis caryae* Grote, pecan nut case bearer
Ft. Gibson, February 14.
- Agrilis ruficollis* (Fab.), red-necked cane borer
Norman (dewberries), January 19; Shawnee (blackberries),
March 30; Sapulpa.
- Aspidiotus perniciosus* Comstock, San Jose scale
Welch (peach), May 22.
- Carpocapsa pomonella* Linne', codling moth
Stillwell, April 20; Muskogee (pears), August 9.
- Ceresa bubalus* (Fab.), buffalo treehopper
Tulsa (apple), March 23.
- Chrysobothris femorata* (Oliv.), flat-headed apple tree borer
Ada (pecan), April 5.
- Coccotorus scutellaris* Lee, plum gouger
Paden, July 25.
- Conopia exitiosa* (Say), peach tree borer
Blanchard, Nov. 15*; Colbert, May 5.
- Datana integerrima* G. and R., walnut caterpillar
Some injury reported to pecans in southwestern Oklahoma.
- Eriosoma lanigerum* (Hausman), woolly apple aphid
Pawhuska, June 9.
- Erythroneura comes* (Say), grape leafhopper
Shawnee, June 9.
- Hysteroneura setariae* (Thom.), rusty plum aphid
Vinita, May 5.
- Lecanium nigrofasciatum* Pergande, terrapin scale
Muskogee, April 27.
- Paleacrita vernata* Peck, spring canker worm
Stillwater, February 24, March 29.

† Most of the records are from identification of material sent in to the Experiment Station. Where starred the record is from the files of C. F. Stiles, and J. M. Maxwell, of the Agricultural Extension Division.