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—insect report—

TURF INSECTS

CINCH BUG

(*Blissus leucopterus leucopterus*)

KANSAS: Annual winter survey, including 57 counties, completed March 9. Total of 219 bunch grass samples taken. Samples generally indicated non-economic infestations. Moderate to near severe populations found in at least one sample in McPherson and Montgomery Counties. Heaviest count, 914 per square foot, taken in little bluestem from Montgomery County. Number of bugs surviving until early March 1973 generally lower than 1971 and 1972 in north-central and central districts. Counts in 1973 remained about same as 1972 in northeast and south-central districts, counts slightly higher in east-central and southeast districts.

ANTHOCORID BUG

(*Orius tristicolor*)

IDAHO: Collected from bluegrass at Post Falls, Kootenai County, July 1, 1970. This is a new county record.

INSECTS OF ORNAMENTALS

NATIVE HOLLY LEAFMINER

(*Phytomyza ilicicola*)

TENNESSEE: Larvae observed tunneling in holly leaves in eastern and middle areas. Larvae apparently overwintered in leaves, unusual for the State.

OYSTERSHELL SCALE

(*Lepidosaphes ulmi*)

OREGON: Heavy on *Pachysandra* sp. in Salem, Marion County, many parasitized. Occurrence on ornamentals, particularly in heavy numbers, uncommon in State. This is first record on this host in State.

TREE INSECTS

SOUTHERN PINE BEETLE

(*Dendroctonus frontalis*)

ALABAMA: Additional groups of 2-10 pine trees observed dying along highway in Cleburne, Randolph, Chambers, and Lee Counties. Nature of recent mortality indicates *D. frontalis* and *Ips* spp. (engraver beetles) active. Woodpeckers very active on several recently dead trees feeding on larvae, pupae, and adults.

ELM LEAF BEETLE

(*Pyrrhalta luteola*)

KENTUCKY: Adults emerged from hibernation and nuisance to homeowners in Washington County. COLORADO: Overwintering adults active in Loveland area, Larimer County.

NATIVE ELM BARK BEETLE

(*Hylurgopinus rufipes*)

MINNESOTA: Survey of elm along St. Croix River north of Stillwater, Washington County, and along Crow River in Hennepin and Wright Counties revealed that only galleries of this species were numerous especially in areas where Dutch elm disease had killed many trees.

SAN JOSE SCALE

(*Quadraspidiotus perniciosus*)

OKLAHOMA: Damaged live oak trees in Stephens and Kiowa Counties.

BENEFICIAL INSECTS

LADY BEETLES

MISSISSIPPI: Vacuum samples indicate heavy populations of *Coleomegilla maculata* in Bolivar County alfalfa; estimated 27,500 adults per acre. Probably feeding on heavy population of *Acyrtosiphon pisum* (pea aphid). *C. maculata* first-generation eggs noted. ARIZONA: *Hippodamia convergens* (convergent lady beetle) very heavy in plum, apricot, and peach trees at Queen Creek, Maricopa County.