

ENTOMOLOGY

Chairman: RAY T. EVERLY, Purdue University

GEORGE H. BICK, Saint Mary's College, was elected chairman for 1967

The Garden Symphylan, *Scutigerella immaculata* (Newport), a new Problem of Field Corn. GEORGE E. GOULD, Purdue University.—Infestations of garden symphylans in Clinton, Shelby and Harrison Counties in 1966 are the first recorded on corn in the State. For many years this small centipede has been a pest of vegetable crops grown in greenhouses and occasionally migrated to crops nearby. In early June of 1966 our attention was called to stunted corn plants with a purple color. Such plants had 25 or more symphylans feeding on the fine rootlets. Some plants died during the hot, dry weather in June and July, while the survivors grew to a foot or so in height and produced no ear.

Areas infested with this pest ranged from one to 10 acres and were noticeably lower than surrounding rows. These soils had a high organic content and were quite loose. In one field where a 6-row corn planter was used, rows 2 and 5 were compacted by the tractor wheels and produced normal plants, while the other four were seriously damaged. In June a 4-inch soil core taken to a 4-inch depth had from 25 to 50 symphylans feeding on the roots. Populations in the same rows in August were 50 or more.

Notes and Records of Indiana Odonata, 1955-1966. B. ELWOOD MONTGOMERY and VINNEDGE, LAWRENCE, Purdue University.—Noteworthy records of Odonata collected during the period of 1955-1966, are included. Of most interest, perhaps, are the records of the spread and increase of the southern species, which came into Indiana during the dry period of the 1930's. Although some species, as *Erthrodiplex minuscula*, *E. umbrata*, and *Teleallagma daeckii* were present for only a few years, others, as *Ladona deplanta*, *Celithemis fasciata* and *C. verna* have persisted and spread over additional portions of southern Indiana, and still others, as *Anax longipes*, *Enallagma basidens* and *Archilestes grandis*, now occur over most of the state.

Wheat Curl Mite *Aceria tulipae* (Keifer), a New State Record. DAVID L. MATTHEW JR., Purdue University.—The wheat curl mite, *Aceria tulipae* (Keifer) has been found on wheat plants in three counties of the state. This record is of particular interest since this eriophyid mite is a suspected vector of kernel red streak, a virus disease of corn.