

PROGRAM OF THE SECTION ON ZOOLOGY

Chairman: J. P. SCOTT, Wabash College

1. *Photoperiodicity in the spawning reaction of *Pennaria tiarella*. E. G. S. Baker, Wabash College.
2. *Bite of the prairie rattlesnake, *Sistrurus catenatus* Raf. Marcus W. Lyon, Jr., South Bend.
3. *Insects of Indiana for 1935. Major insect problems. J. J. Davis, Purdue University.
4. *Vultures in Indiana. Amos W. Butler, Indianapolis.
5. Evolution and the embryology of the guinea pig. J. P. Scott, Wabash College.
6. Studies on the insect fauna of the black locust in Indiana. B. E. Montgomery and H. E. Brown, Purdue University.
7. Neurotics and Neurasthenics: Biologically. Robert Hessler, Indianapolis.
8. *Occurrence of unusual Rhopalocera in Indiana. Fred T. Hall, Wabash College.
9. A phoebe nine years old and breeding. S. E. Perkins, III., Indianapolis.
10. Strange bird associates. S. E. Perkins, III., Indianapolis.
11. *Sedimentation in Winona Lake and Tippecanoe Lake from 1930 to 1935. D. H. Miner, Kansas City, Mo., and Will Scott, Indiana University.
12. Diurnal oxygen variations in the West Fork of White River, Indiana. Stacy C. Denham, Indiana University.
13. Physiographic and summer seasonal succession of protozoa in a series of ponds near Hammond, Indiana. Murvel R. Garner, Earlham College.
14. Experiments on the gonad-pituitary-adrenal relationships in the rat. Robert L. Kroc, Indiana University.
15. *The salamanders of Putnam County, Indiana. A. E. Reynolds and E. G. Black, De Pauw University.
16. Independent differentiation of the chick stomach rudiment in chorio-allantoic grafts. Albert E. Reynolds, De Pauw.
17. Artificial insemination of the honey bee. Jay Smith, De Pauw University.
18. Sexual inversion in Mollusca, with special reference to the ship worm, *Teredo navalis*. B. H. Grave, De Pauw University.
19. *The distribution of the accumulated sediment in glacial Lake Winona. Ira T. Wilson, Heidelberg College.
20. Hemiptera of Indiana. I. Family Gerridae. H. O. Deay and G. E. Gould, Purdue University.
21. *Hemiptera unrecorded from Indiana. H. O. Deay and G. E. Gould, Purdue University.
22. A signal marker for use with physiological and pharmacological apparatus. W. A. Hiestand, Purdue University.
23. *An annotated list of the Bythoscopinæ of Indiana (Cicadellidae, Homoptera). D. W. La Hue, Purdue University.

*Papers published in this volume.

24. *The habits and early stages of the dragonfly, *Gomphaeschna furcillata* Say. C. H. Kennedy, Ohio State University.

25. The determination of the isoelectric point of brain tissue. C. A. Behrens and J. F. Barker, Purdue University.

26. Epidemiological research in human helminthology. W. H. Headlee, Purdue University.

27. *Herpetological notes from Northern Indiana. Chapman Grant, San Diego, California.

28. *Herpetological notes from Ft. Knox, Kentucky. Chapman Grant, San Diego, California.

Papers 19 to 24 and 27 and 28 were read by title. Titles 27 and 28 were received too late to be included in the printed program.