

PROGRAM OF THE SECTION ON BOTANY

Chairman: A. R. BECHTEL, Wabash College

1. *Additional algae of the lower Wabash Valley. M. E. Britton and B. H. Smith, Indiana State Teachers College.
 2. *Post-Pleistocene fossil records in peat of the upper Blue River Valley, Henry County, Indiana. J. E. Potzger, Butler University.
 3. The occurrence of multicellular root hairs in Bryophyllum calycinum. Arthur Guard, Purdue University.
 4. Genetic experiments in Late Spencer sweet peas. William J. Tinkle, Taylor University.
 5. *Myxomycetes of Clark County, Indiana. William D. Gray, University of Pennsylvania.
 6. *Notes on plasmodial behavior of *Stemonitis fusca*. William D. Gray, University of Pennsylvania.
 7. Effect of precipitation and annular growth in *Quercus*. Arnold Kleine, J. E. Potzger and Ray Friesner, Butler University.
 8. Physical data bearing on the type of relicts illustrated by *Pinus Strobus* and *Tsuga canadensis* in Indiana. Ray C. Friesner and J. E. Potzger, Butler University.
 9. *Fagus-Acer* vs. *Quercus-Carya* as forest climax in Indiana. R. C. Friesner and J. E. Potzger, Butler University.
 10. *Additions to the vascular flora of Jasper County, Indiana. Winona H. Welch, DePauw University.
 11. *Plant boreal relicts in Indiana. Winona H. Welch, DePauw University.
 12. Applications of photography to some problems of teaching and research. Paul Weatherwax, Indiana University.
 13. The status of the Dutch elm disease in the United States. John N. Porter, Purdue University.
 14. Sterilization of corn grains with sodium hypochlorite. Raymond E. Girton, Purdue University.
 15. *Notes on plants of Jefferson County, new or rare in Indiana. Edna Banta, Bloomington.
 16. *Some preliminary studies in soil pasteurization. R. B. Zumbstein, Purdue University.
 17. *Algae of Indiana. Third list of additions to the 1875-1928 check list. C. Mervin Palmer, Butler University.
 18. *A fungus contaminating shaving cream. C. L. Porter and J. N. Porter, Purdue University.
 19. Photoperiodism in some tropical grasses. Paul Weatherwax, Indiana University.
 20. Modification of vascular tissue in midvein of *Quercus alba* leaves induced by gall development by *Cynips pezomachoides erinacei*. E. Fay Kenoyer, Butler University.
 21. A bryocenological study of some epiphytic mosses of a central Indiana woods. Betty T. Wilson, New Albany.
 22. A new genus of Phycomycetous fungi. George Zebrowski, Buck Creek.
 23. *Notes on Indiana Grasses. J. E. Potzger, Butler University.
 24. *Note on a seedling variation in sunflower. C. A. Ludwig, Washington, D. C.
- Papers No. 22, 23, 24 were read by title.

*Papers published in this volume.