

PROGRAM OF THE SECTION ON BOTANY

Chairman: NAOMI MULLENDORE, Franklin College.

1. Studies in Indiana bryophytes. Winona H. Welch, DePauw University.
2. First record in North America of the chloromonad flagellate, *Mero-tricha capitata*. C. Mervin Palmer, Butler University.
3. Notes on Indiana grasses for 1936. J. E. Potzger, Butler University.
4. A plant sociology of the herb layer in two types of central Indiana forests. J. E. Potzger and R. C. Friesner, Butler University.
5. Winter injury to trees and shrubs of Purdue University campus. A. T. Guard, Purdue University.
6. Unusual gladiolus hybrids resulting from species crosses. W. P. Morgan, Indiana Central College.
7. A quantitative study of the phytoplankton of the White River canal, Indianapolis, Indiana. E. Charlene Coffing, Butler University.
8. Some unusual plant and habitat relationships on Mackinac Island, Michigan. J. E. Potzger, Butler University.
9. A preliminary ecological survey of a typical Illinoian Till Plain forest in Jennings County, Indiana. Scott McCoy, Butler University.
10. Notes on *Ruellia strepens*, and its so-called variety *cleistantha* Gray. Scott McCoy, Butler University.
11. Observations on the methods of stipe-formation in *Stemonitis* and *Comatricha*. William D. Gray, University of Pennsylvania.
12. Some unsolved problems of fungus physiology. C. L. Porter, Purdue University.
13. Fungus growth as affected by varying concentrations of salts. R. B. Zumstein, Purdue.

Two papers published in this volume were read before the Botanical Section at earlier meetings. Their titles are as follows:

Some physical features associated with the pliability of wood. J. E. Potzger and Florence Geisler.

Soil acidity and hemlock reproduction in relic colonies in Indiana. J. E. Potzger and Ray C. Friesner.

Dr. C. L. Porter, of Purdue University, was elected chairman of the section for 1937.