

PROGRAM OF THE SECTION ON CHEMISTRY AND BACTERIOLOGY

Chairman: M. G. MELLON, Purdue University

1. *The refractive indices of solutions of electrolytes in non-aqueous solvents. Frank E. Dolian and H. T. Briscoe, Indiana University.
2. *The chemical composition of the fatty oil from Kukui nuts. J. L. Riebsomer and Nathan Foote, DePauw University.
3. *Volumetric determination of the percentage of oxygen in air by high school students. C. O. Pauley, Valparaiso.
4. Rabies: the relation of the M. L. D. to the protein content. C. A. Behrens and J. F. Barker, Purdue University.
5. Purification of suspensions of the virus of rabies. C. A. Behrens and J. F. Barker, Purdue University.
6. *Increasing recognition of the importance of tryptophane as a prototype in phytochemical processes. W. M. Blanchard, DePauw University.
7. Some unusual food toxins. R. H. Carr, Purdue University.
8. *Commercial production of sterile vaccine virus. Howard C. Allisbaugh and L. C. Morgan, Eli Lilly & Co.
9. *On the enhancement of bacterial virulence by gastric mucin. Ruth Henderson, W. A. Jamieson, and H. M. Powell, Lilly Research Laboratories.
10. *The preparation of alkyl bromides from corresponding alcohols by the use of bromine in the presence of phosphorus. R. H. Goshorn and Ed. F. Degering, Purdue University.
11. Laboratory gadgets. Ed. F. Degering, Purdue University.
12. That first chemistry lecture. R. E. Nelson and Ed. F. Degering, Purdue University.
13. *Studies in the indole series. VII. Alpha-propyl- and alpha-hormoveratryl-indole. P. L. Julian and Josef Píkl, DePauw University.
14. *Contribution to the chemistry of tryptophane. F. M. Miller and R. E. Lyons, Indiana University.
15. *A rapid procedure for the Duclaux analysis of dilute mixtures of formic and acetic acids. F. O. Gibson and W. E. Bradt, State College of Washington.
16. *The effect of sodium ortho phenyl phenate on viscosity, jelly strength, and adhesive strength of glue. I. F. Fleischer and R. J. Hartman, Indiana University.

Papers No. 14, 15, and 16 were read by title. Title no 16 was received too late for publication in the program of the meeting. The paper by L. A. Test and F. J. Allen, on A Century of Chemical Education in Indiana, which was presented in the General Section (See Program, p. 9), is published here.

*Papers published in this volume.