

moved that a unanimous vote be cast to retain the officers of the past year. This vote was taken. The meeting adjourned to take a trip with Dr. Henry C. Cowles, University of Chicago, to the conservatory at Garfield Park.

NETTIE M. COOK,
Secretary.

REPORT OF CHEMISTRY SECTION.

Saturday, 10 a. m.

The section was called to order by Chairman L. B. Altaffer.

The Committee on Nominations reported as follows:

Chairman—S. G. Engle, Gary, Ind.

Vice-Chairman—Chas. J. Pieper, Minneapolis, Minn.

Secretary—Frances Church, East High School, Des Moines, Iowa.

On motion of F. T. Jones, the Secretary was instructed to cast the ballot for the nominees as officers for the ensuing year.

There was a joint meeting of the Chemistry and the Home Economics Sections held on Friday, November 26th, an account of which will be found in the minutes of the Home Economics Section. The program for Saturday, November 27th, was as follows:

- I. Paper, "The Students' Side of the Subject"—H. R. Radcliffe, Connersville, Ind.
- II. "A Survey of the Methods Used in Teaching Laboratory Chemistry in High Schools":
 1. "Conditions as They Should Be."
 - (a) Sections C, E, F, G and 76—Alexander Smith, Head of Chemical Department, Columbia University, New York.
 - (b) Sections A, B, D, 75 and 77—Franklin T. Jones, University School, Cleveland, Ohio.
 2. "Conditions as They Are"—S. Ralph Powers, Director of the Survey, Garfield High School, Terre Haute, Ind.
 3. Open Discussion.
- III. Reports on Plans of Work for the Coming Year.
 1. "Fundamental Experiments for Every Pupil Studying Chemistry"—H. A. Mess, Nicholas Senn High School, Chicago.
 2. "Lines of Work Suitable for Chemical Study by Practical Experiments"—H. R. Smith, Lake View High School, Chicago.
 3. "A New Chemical Education"—Franklin T. Jones, University School, Cleveland, Ohio.

By unanimous vote the section expressed its thanks and appreciation for the excellent report on the chemical survey made by Mr. S. R. Powers.

The following committee was appointed by the Chairman to confer with a committee from the Home Economics Section:

F. M. Emory, Harrison Technical High School.

A. L. Smith, Englewood High School.

H. C. Wright, University High School.

Miss Frances Church reported the following resolutions, which were unanimously adopted:

Your Committee on Resolutions hereby submits the following:

RESOLVED:

1st.—That we recognize the fruitfulness of the joint session with the Home Economics Section and that we co-operate with the committees appointed in their efforts to determine what ground there is for correlated work.

2nd.—That we heartily commend the growing tendency toward continuity of work in the Chemistry Section which continuity has been made possible by the work of the various committees and that more be made of this feature until the work of the section extends through the entire year rather than a few weeks prior to the meeting.

3rd.—That we acknowledge our appreciation of the careful and extensive work done by Mr. S. Ralph Powers in securing and arranging data for the Chemical Survey.

4th.—That we thank the officers of the section for the excellent program arranged, every subject of which is teeming with vital interest; and, lastly, to those who have so generously consented to take part in this program, we wish to express our grateful appreciation of their helpfulness.

Respectfully submitted, FRED D. GROBE,
RALPH ROBERTS,
FRANCES CHURCH,
Committee.

Adjourned.

F. E. GOODELL,
Secretary Pro Tem.

MINUTES OF HOME ECONOMICS SECTION.
Joint Chemistry and Home Economics Section,
Friday, November 26, 1915.

Meeting was called to order at 2:20 by Miss Agnes K. Hanna, Chairman.

Paper, "At What Point in the Home Economics Course Should Chemistry be Made an Organic Part?"—Abby T. Marlatt, University of Wisconsin.

The discussion was led by Mr. G. C. Ashman. The relation of chemistry and food study when these two subjects are given during the same year was considered.

Paper, "The Specific Contributions of General Chemistry to Home Economics"—Nellie E. Goldthwaite, New Hampshire College.

Miss Goldthwaite was unable to attend the meeting and her paper was read by Miss Katherine Blunt of the University of Chicago. Miss Blunt asked for a consideration of the value of the household chemistry course, consisting of one-half unit of general chemistry and one-half unit of organic and food chemistry.

Paper, "Some Results Secured by a Close Relation between Chemistry and Home Economics Courses"—Carlotta C. Greer, East Technical High School, Cleveland.

There were a number of questions raised as to the advantages and disadvantages of presenting science work in food classes rather than as prerequisite material, also as to the definition of an applied science. The discussion was led by Mr. W. F. Roecker.

Paper, "A Study of the Relative Contributions of Chemistry and General Science to Home Economics"—Grace G. Hood, Lewis Institute.

The point was brought out that physics and the biological sciences contribute a larger share than chemistry to beginning work in foods, whereas chemistry was essential to an understanding of nutrition which is a later problem.

On motion of Mr. S. C. Engle it was voted that the work of the joint meeting of the Home Economics and Chemistry Sections should be continued by a committee from these sections to be appointed by the Chairman. This committee is to report in both sections at the 1916 meeting.

The meeting was adjourned at 5 p. m.