Microscope in the Manufacture of Paints," to be conducted by Mr. Maximillian Toch, president of the New York Chemical Society.

February 23—Lecture by Mr. John J. Schoonhoven, M.A., president of the department, on "Some Interesting Vegetable Parasites affecting Man and the Lower Animals."

March 9—Conference on "The Microscopical Examination of Milk." Harris Moak, M.D., professor of bacteriology, Long Island College Hospital, has been invited to conduct this conference.

The twenty-second annual exhibition of microscopic preparations and apparatus will be held in the new suite of rooms in the Academy of Music on Saturday afternoon and evening, March 13, 1909, by members of the department. Ninety-seven microscopes were in use during the evening at the last annual exhibition. There will be a private view of the exhibition for members and invited guests on Friday evening, March 12.

March 23—Conference on "The Microscopical Study of Insects," to be conducted by Mr. Carl Schaeffer, associate curator of entomology of the institute.

April 13—Conference on "The Use of the Microscope in Domestic Science." Miss Edith M. Greer, of the department of domestic science, has been invited to conduct this conference.

April 27—Conference to be conducted by Wallace Goold Levison, B.Sc., vice-president of the department of geology, on some subject in "Microscopical Mineralogy."

May 11—Conference to be conducted by Mrs. Helen W. Joy, member of the executive committee of the department, on "Vegetable Histology."

May 25—Conference on "Fresh-water Life," to be conducted by Professor Richard W. Sharpe, M.S., of the DeWitt Clinton High School, vice-president of the department of zoology.

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## *THE ASSOCIATION OF COLLEGES IN NEW ENGLAND*

THE fifty-second annual meeting of the Association of Colleges in New England was held at Boston University on October 29 and 30. The twenty-one subjects suggested by the several colleges may be quoted as indicating current academic problems:

1. The future of colleges and universities which collect tuition fees. (Suggested by Harvard.)

2. What arrangements are possible or desirable in order to stimulate intellectual emulation among college students? (Suggested by Yale.)

3. Is it desirable and feasible to bring about an intercollegiate understanding tending to prevent unnecessary duplication of courses where instruction is expensive and students few in number? (Suggested by Yale.)

4. The desirability of exchanges for one year between professors in American colleges. (Suggested by Brown.)

5. When should education begin to be distinctively vocational? (Suggested by Vermont.)

6. The faculty supervision of student organizations. (Suggested by Vermont.)

7. The present trend away from the ideals of the liberal education. (Suggested by Williams.)

8. The control of attendance on college exercises: how much absence should be permitted? (Suggested by Williams.)

9. Scholarships, scholarship, and bribery. (Suggested by Middlebury.)

10. Should colleges, not having graduate schools, give the degree of Master of Arts, in course? (Suggested by Amherst.)

11. Shall the scale of units for entrance proposed by the Carnegie Foundation be doubled so as to avoid half-units? (Suggested by Amherst.)

12. The economic waste of the present method of conducting entrance examinations by the separate colleges. Will the colleges in New England unite upon the examinations of the College Entrance Board or some similar system of uniform examinations? (Suggested by Trinity.)

13. Allowed absences. (Suggested by Trinity.)

14. Is there any general usage at present in regard to the Day of Prayer for Colleges? (Suggested by Wesleyan.)

15. What is the proper attitude of college faculties towards hazing—prohibition or regulation? (Suggested by Wesleyan.)

16. Is the growing interest in vocational training endangering the ideals of liberal education? (Suggested by Boston.)

17. The universitizing of the college: its cause and cure. (Suggested by Clark.)

18. Can the evils of athletics be mitigated by an academic course leading to degrees in its historical, scientific, academic, social and other aspects? (Suggested by Clark.)

19. College requirements in English. (Suggested by Clark.)

20. Are the relations of the New England colleges to the high school on a sound basis? (Suggested by Clark.)

21. Reform in the college-entrance requirements

in Latin. (Presented by the Classical Association of New England.)

The colleges were represented as follows during the meeting:

Harvard University—President Charles W. Eliot; Jerome D. Greene, secretary.

Yale University—President Arthur T. Hadley; Edward P. Morris, professor of Latin.

Brown University—President William H. P. Faunce; Walter G. Everett, professor of philosophy and natural theology.

Dartmouth College—President Wm. J. Tucker; Frank H. Dickson, professor of economics.

University of Vermont—President Matthew H. Buckham; Max W. Andrews, professor of English.

Williams College—President Harry Augustus Garfield, Dean Frederick C. Ferry.

Bowdoin College—President William DeWitt Hyde; Frederick Willis Brown, professor of modern languages.

Middlebury College—President John M. Thomas; Myron R. Sanford, professor of Latin.

Amherst College—President George Harris; James W. Crook, professor of economics.

Wesleyan University—Acting President William North Rice; Karl P. Harrington, professor of Latin.

Tufts College—President Frederick W. Hamilton; Philip M. Hayden, instructor in modern languages.

Boston University—President William E. Huntington; Lyman C. Newell, professor of chemistry.

Clark University—President G. Stanley Hall; Carroll D. Wright, president of Clark College.

## *WINTER MEETING OF THE AMERICAN CHEMICAL SOCIETY*

The Winter Meeting of the American Chemical Society will be held in Baltimore, Md., December 29 to January 1 inclusive. The meeting will be in affiliation with the American Association for the Advancement of Science and the Biological Section will hold a joint session with the Society of Biological Chemists.

The following members have consented to preside over sections and to aid in the preparation of the program for the meeting.

Agricultural and Food Chemistry—H. J. Wheeler.
Biological Chemistry—J. J. Abel.
Inorganic Chemistry—C. H. Herty.
Organic Chemistry—S. F. Acree.
Pharmaceutical Chemistry—Edw. Kremers.
Chemical Education—H. P. Talbot.
Fertilizer Chemistry—F. B. Carpenter.
Physical Chemistry—G. N. Lewis.
The Division of Industrial Chemists and Chemical Engineers will also hold a meeting presided over by the chairman of the division, A. D. Little.

Members desiring to present papers are requested to send title and brief abstracts to one of these persons or to the secretary of the society with the exception of the Section of Chemical Education where a special program is being arranged. The final program will be sent only to those members signifying their intention of being present at the meeting, or who make special request for same. No title can be placed on the final program that reaches the secretary later than December 10.

Chas. L. Parsons,
*Secretary*

Durham, N. H.

## *SCIENTIFIC NOTES AND NEWS*

The president and council of the Royal Society have awarded medals as follows: the Copley medal to Dr. Alfred Russel Wallace, in recognition of the great value of his numerous contributions to natural history, and of the part he took in working out the theory of the origin of species by natural selection; the Rumford medal to Professor H. A. Lorentz, for his investigations in optical and electrical science; a Royal medal to Professor John Milne, for his preeminent services in the modern development of seismological science; a Royal medal to Dr. Henry Head, for his researches on the relations between the visceral and somatic nerves and on the functions of the afferent nerves; the Davy medal to Professor W. A. Tilden, for his discoveries in chemistry, especially on the terpenes and on atomic heats; the Darwin medal to Professor August Weismann, for his eminent services in support of the doctrine of evolution by means of natural selection; the Hughes medal to Professor Eugene Goldstein, for his discoveries on the nature of electric discharge in rarefied gases.