

into partnership with the trustees in the government and administration of the university by means of college councils composed of representatives of both be adopted by the board of trustees at the earliest practicable date. Some features of the scheme may need modification, but it will be easy to determine what changes are advisable after trustees and professors have got together in councils for the transaction of the business of the different collegiate units of the university.

A further step in the same direction should also be taken at the present time. Under the existing statutes the deans of the faculties of arts and sciences and of the graduate school are appointed by the board of trustees on the nomination of the president. The faculty has indeed some voice in the matter, for it votes on the nomination of the president and sends the record of its vote to the board of trustees. But the time has arrived when the right of the faculty to select its own chief officer should be recognized and confirmed. The president recommends that the statute be amended so as to invest the faculty with exclusive power in this regard. The faculty would of course report its action to the trustees.

J. G. SCHURMAN

THE CLEVELAND CONVOCATION WEEK MEETING

THE sixty-fourth meeting of the American Association for the Advancement of Science, and the eleventh of the "Convocation week" meetings, will be held in Cleveland from December 30, 1912, to January 4, 1913. The first general session of the association will be called to order at 10 A.M. on Monday, December 30, by the retiring president, Dr. Charles E. Bessey, who will introduce the president of the meeting, Dr. Edward C. Pickering. After addresses of welcome and a reply by President Pickering, announcements will be made by secretaries. The general session will then

adjourn and the sections will be organized in their respective halls. Where sections have programs, the reading of papers will begin after organization and will be continued in the mornings and afternoons of the following days. The council will meet on Monday morning, December 30, and each morning, in the council room at 9 o'clock. On Monday evening, Dr. Bessey will give the address of the retiring president, on "Some of the Next Steps in Botanical Science," to be followed by a reception to members of the association and affiliated societies.

The addresses of retiring vice-presidents before the sections will be as follows:

Vice-president Frost, before the Section of Mathematics and Astronomy: "The Spectroscopic Determination of Stellar Velocities, considered practically."

Vice-president Millikan, before the Section of Physics: "Unitary Theories in Physics."

Vice-president Cameron, before the Section of Chemistry: "The Chemistry of the Soil."

Vice-president Shimek, before the Section of Geology and Geography: "Significance of the Pleistocene Mollusks."

Vice-president Nachtrieb, before the Section of Zoology: "Section F—Is it Worth While?"

Vice-president Newcombe, before the Section of Botany: "The Scope of State Natural Surveys."

Vice-president Ladd, before the Section of Anthropology and Psychology: "The Study of Man."

Vice-president Norton, before the Section of Social and Economic Science: "Comparative Measurements of the Changing Cost of Living."

Vice-president Thorndike, before the Section of Education: "Educational Diagnosis."

Vice-president Porter, before the Section of Physiology and Experimental Medicine: "On the Function of Individual Cells in Nerve Centers."

The full program of the meeting, which will include the programs of the affiliated societies, will be issued at the beginning of the meeting and will contain announcements of public lectures, presidential addresses before the different societies, discussions and arrangements for joint meetings, together with the times of dinners, smokers and other social functions.

Cleveland is in the territory of the Central Passenger Association. Legislative acts hav-

ing reduced fares in this territory to the two cents a mile basis, the Central Passenger Association can not make a further reduction by authorizing the certificate plan. From western points special tourist fares may be obtained. The hotel headquarters of the American Association will be the Hotel Statler, recently opened, with a very large number of rooms, all having baths, at the rate of \$2 a day. The hotels are all near the center of the city. Persons arriving by the New York Central lines (Lake Shore or Big Four roads) or by the Pennsylvania lines, may conveniently alight at the Union Station; street cars run from this station directly to the hotels. Those arriving by other roads should go to the city stations in order to reach the hotel district conveniently. Section K, the American Physiological Society, the American Society of Biological Chemists, the American Association of Anatomists and the Society for Pharmacology and Experimental Therapeutics will meet at the Western Reserve Medical College, which is within easy walking distance of any of the hotels named. All other sections and affiliated societies will meet at Adelbert College, Case School of Applied Science, or the Normal School, which provide abundant facilities, so that related societies can be conveniently grouped. With the exception of the Western Reserve Medical College, the buildings are all close together, so that it will be convenient to pass from the meetings of one section to those of another. These institutions are all situated about four miles east of the center of the city, on Euclid Avenue, between East 107th Street and East 115th Street. All Euclid Avenue street cars, going eastward, pass these institutions. The cars run about once a minute, and require from twenty to twenty-five minutes to go from the hotels to the colleges. The street car fare in Cleveland is three cents, with universal transfers. Luncheon will be served in one of the buildings where meetings are held, probably at the Normal School, and there are several restaurants and lunch-rooms in the vicinity of the colleges. It is thought

that all attending the meetings can be conveniently served. The general headquarters will be in the main building of Adelbert College of Western Reserve University, where there will be writing and rest rooms with the usual conveniences; there will also be rest rooms in various other buildings.

There will be sent to each member of the American Association by mail, included with bill for annual dues, a white registration card bearing the name and address of the member printed thereon. It is requested that this card be brought to Cleveland by each member attending the meeting and filled in by him to indicate his Cleveland address, his section, his affiliated society connections, together with the names of visiting ladies accompanying him. After the above information has been noted on card by the member, the card should be presented to the registration clerk at the headquarters, main building, Adelbert College, in exchange for official program and member's identification button. This can be accomplished without delay and the waiting in line as at previous meetings will be avoided. Official receipts for dues are mailed to members on the same day that their payments reach the office of the permanent secretary. For their own comfort, members are urged to send their dues to the permanent secretary as far in advance of the meeting as possible. In this way they will receive their cards by mail at once and avoid the necessity of waiting in line to make payment at the meeting. Nominations to membership and letters relating to the general business of the association should be sent to the permanent secretary, Smithsonian Institution, Washington, D. C. It is strongly urged that each member should make an effort to secure the nomination of some desirable new member.

The local executive committee for the Cleveland meeting consists of Charles F. Brush, honorary chairman; Frank P. Whitman, chairman; Dayton C. Miller, secretary; Worcester R. Warner, chairman, finance committee; Miss Jean Dawson, Theodore M. Focke, Edward P. Hyde, Franklin T. Jones,

Charles A. Marple, Robert L. Short, Albert W. Smith, Harry W. Springsteen, Olin F. Tower and Frederic C. Waite. The finance committee consists of Worcester R. Warner, chairman, Edward P. Hyde and J. Robert Crouse. For all matters relating to the local arrangements Dr. Dayton C. Miller, local secretary, Case School of Applied Science, Cleveland, Ohio, should be addressed.

Members of Sections A, B, F, G, H, K and L are referred to the following ruling of the council:

Resolved, That at the annual meetings of the Association each section shall prepare a program of general interest to scientific men, which shall occupy an afternoon session, or, if desired by the sectional committee, both morning and afternoon sessions of the same day. This program shall include the vice-presidential address.

Resolved, That, as it is the policy of the Association to avoid competition with programs presented before the special national societies, the sections are recommended to arrange no programs of special papers for the annual meetings: *Provided*, that the corresponding national society meets at the same time and place.

Members of Section C, D, E and I, by reason of there being no correlative affiliated society designated to meet at Cleveland, are requested to send to the respective section secretaries information concerning papers they may desire to submit for the Cleveland meeting.

The societies meeting at Cleveland during convocation week are as follows:

American Association of Anatomists.—Meets on Tuesday, Wednesday and Thursday, December 31 to January 2, in anatomical and histological laboratories, Western Reserve Medical School. Secretary, Dr. G. Carl Huber, University of Michigan, Ann Arbor, Mich.

American Anthropological Association.—Meets from Monday to Friday, December 30 to January 3. Joint session with American Folk-Lore Society and with Section H, A. A. A. S., for presidential address on Wednesday, January 1, at 2:30 P.M. Secretary, Dr. George Grant MacCurdy, Yale University Museum, New Haven, Conn.

Astronomical and Astrophysical Society of America.—Will meet on dates to be announced. Will hold joint session with Section A, A. A. A. S.,

on Tuesday, December 31, 1912. Secretary, Professor Philip Fox, Dearborn Observatory, Evanston, Ill.

American Society of Biological Chemists.—Meets on Monday, Tuesday and Wednesday, December 30 to January 1. Joint session with American Physiological Society on date to be announced. Secretary, Professor A. N. Richards, University of Pennsylvania, Philadelphia, Pa.

Botanical Society of America.—Meets Tuesday, Wednesday and Thursday, December 31 to January 2. Joint sessions with Section G, A. A. A. S., and American Phytopathological Society on dates to be announced. Secretary, Dr. George T. Moore, Missouri Botanical Garden, St. Louis, Mo.

Botanists of the Central States.—Will hold short business meeting on date to be announced. Secretary, Dr. Henry C. Cowles, University of Chicago, Chicago, Ill.

American Association of Economic Entomologists.—Meets Wednesday, Thursday and Friday, January 1 to 3. Secretary, Albert F. Burgess, Melrose Highlands, Mass.

Entomological Society of America.—Meets on Tuesday and Wednesday, December 31 and January 1. Public address on Wednesday, January 1, at 8 P.M. Secretary, Professor Alex. D. MacGillivray, 603 West Michigan Avenue, Urbana, Ill.

American Federation of Teachers of the Mathematical and the Natural Sciences.—Meets on Tuesday, December 31. Secretary, Dr. Eugene R. Smith, The Park School, Auchentoroly Terrace, Baltimore, Md.

American Folk-Lore Society.—Meets on dates to be announced. Joint session on Wednesday, January 1, with Section H, A. A. A. S., and American Anthropological Association. Secretary, Dr. Charles Peabody, Peabody Museum, Cambridge, Mass.

American Association of Official Horticultural Inspectors.—Meets on Thursday and Friday, January 2 and 3. Secretary, Professor T. B. Symons, College Park, Md.

Society for Horticultural Science.—Meets on Tuesday, December 31. Secretary, Professor C. P. Close, College Park, Md.

American Mathematical Society.—Meets on Tuesday, Wednesday and Thursday, December 31 to January 2. Joint session on Tuesday, December 31, with Section A (and probably Section B). Secretary, Professor F. N. Cole, 501 West 116th Street, New York City.

American Microscopical Society.—Meets on

Tuesday and Wednesday, December 31 and January 1. Joint sessions with Sections F and G, A. A. A. S., on dates to be announced. Secretary, Professor T. W. Galloway, James Millikin University, Decatur, Ill.

American Society of Naturalists.—Meets on Thursday, January 2. Will hold symposium on "Adaptation." Secretary, Dr. A. L. Treadwell, Vassar College, Poughkeepsie, N. Y.

American Nature-Study Society.—Meets on Monday and Tuesday, December 30 and 31. Will probably hold joint session with School Garden Association of America on date to be announced. Secretary, Professor Elliot R. Downing, University of Chicago, Chicago, Ill.

Society for Pharmacology and Experimental Therapeutics.—Meets on Monday and Tuesday, December 30 and 31. Secretary, Dr. John Auer, Rockefeller Institute for Medical Research, New York City.

American Physical Society.—Meets in joint sessions in charge of Section B, A. A. A. S., on dates to be announced. Secretary, Dr. Ernest Merritt, Cornell University, Ithaca, N. Y.

American Physiological Society.—Meets on Monday, Tuesday and Wednesday, December 30 to January 1, in physiological laboratory, Western Reserve Medical School. Joint session with Section K, A. A. A. S., on Wednesday, January 1. Secretary, Dr. A. J. Carlson, University of Chicago, Chicago, Ill.

American Psychological Association.—Meets on Monday, Tuesday and Wednesday, December 30 to January 1. Joint sessions with Sections F and L, A. A. A. S., on dates to be announced. Secretary, Professor W. V. Bingham, Dartmouth College, Hanover, N. H.

American Phytopathological Association.—Meets on Tuesday, Wednesday, Thursday and Friday, December 31 to January 3. Will hold joint sessions with Section G, A. A. A. S., and with the Botanical Society of America on dates to be announced. Secretary, Dr. C. L. Shear, U. S. Department of Agriculture, Washington, D. C.

School Garden Association of America.—Will hold joint session with American Nature-Study Society on date to be announced. Secretary, Dick J. Crosby, U. S. Department of Agriculture, Washington, D. C.

Association of Official Seed Analysts.—Will hold meetings on Thursday, January 2. Secretary, Edgar Brown, U. S. Department of Agriculture, Washington, D. C.

American Society of Zoologists.—Joint meeting of Eastern and Central Branches, on Monday, Tuesday and Wednesday, December 30 to January 1. Joint session with Section F, A. A. A. S., on date to be announced. Joint meeting with American Society of Naturalists on Thursday, January 2. Secretary in charge, Dr. Winterton C. Curtis, University of Missouri, Columbia, Mo. Secretary (Eastern Branch), Dr. John H. Gerould, Dartmouth College, Hanover, N. H.

Gamma Alpha Graduate Scientific Fraternity.—Will hold annual convention, council meeting and banquet on Tuesday, December 31, 1912. H. E. Howe, recorder, Ashland, Va.

Sigma Xi.—Will hold annual convention with banquet on date to be announced. H. T. Eddy, president, University of Minnesota, Minneapolis, Minn.

SCIENTIFIC NOTES AND NEWS

It is announced from Stockholm that the Nobel prize for chemistry has been divided between M. Grignard, of Nancy, and M. Sabatier, of Toulouse, and the prize in physics to Mr. Gustaf Dalen, head of the Stockholm Gas Company. The prize in literature has been awarded to Dr. Gerhart Hauptmann, of Berlin.

DR. ALEXIS CARREL, of the Rockefeller Institute for Medical Research, who has been awarded the Nobel prize in medicine, was given a reception at the College of the City of New York, on November 16. Among those who made addresses in appreciation of his work were President Taft and M. Jusserand, the French ambassador.

PROFESSOR CHARLES S. MINOT, of Harvard University, and Professor William M. Sloane, of Columbia University, gave their inaugural lectures at the University of Berlin, on October 31. The German emperor and the empress were present at the ceremony.

A BANQUET will be tendered to Dr. Theodore N. Gill, associate of the Smithsonian Institution, professor emeritus of George Washington University, and a founder of the Cosmos Club, at the Cosmos Club on December 13, as a token of esteem, in affectionate commemoration of the completion of the seventy-fifth year of his age and fifty-sixth year of publication of his contributions to knowledge.