

to amend this rule in such manner as to make the intent more definite.

In the use of the privileges of the foundation under such rules it ought not to be forgot by presidents, trustees and teachers that this noble gift for education was intended to serve primarily the faithful and efficient teacher, not to solve the difficulties of administration. The president of an accepted institution should keep in mind the purposes of the foundation as well as the wants of his college and the requests of individuals. To throw upon the foundation a load it was not intended to carry is to limit later the service it was originally designed to fulfil.

#### *THE EIGHTH INTERNATIONAL CONGRESS OF APPLIED CHEMISTRY*

ON the evening of February 3, 1910, an informal gathering took place at which there were present among others, most of those to whom had been delegated the task of providing for the creation of an organization for the eighth International Congress of Applied Chemistry, by the London Congress last June; a representative of the Association of Manufacturing Chemists, the American Chemical Society, the American Electrochemical Society, the Society of Chemical Industry were each also present at this informal meeting.

The consensus of opinion was that the greatest success could be expected only if the most effective system and mode of organization could be had, and if each and every chemist in the United States could be made to feel that he himself directly or indirectly through his professional, business or educational affiliations, had a personal share of responsibility in the conduct and management of the congress from its very start and to its very end. This was regarded as the proper and correct guide in proposing any plans or schemes of organization.

The eighth congress is to convene in 1912 with Professor Edward W. Morley as honorary president and Dr. W. H. Nichols as acting president at a time and place to be determined

by the organization of this congress. The most important part of the congress, in fact that by which its value and real success will be measured, is the amount of original matter, both scientific and technical, which it will be able to present to its members. To this end, every chemist in America who has or may have any original matter to present to this congress should begin without delay to prepare such matter, and have it in shape so that it may be presented to the congress in ample time for proper printing, classification and distribution to members and the technical and scientific press.

The congress, being held in the United States, will, with a great deal of right, naturally look to a very good showing from the chemists of the United States, and every chemist in this country, which is to be host to our foreign colleagues, should constitute himself a committee of one to get from himself, or from his friends, as much scientifically or technically valuable material as possible so that the proceedings and publications of the eighth congress may correctly reflect the true mental attitude of the chemists of the United States towards their profession, both as a pure science and as a part of the industrial activities of this country.

It is the hope that the program committee will be able to begin its activities effectively before the close of 1910, but in the meantime it behooves every chemist in the United States actively and energetically to consider how and in what way he can best contribute to the success of this congress, and particularly in the direction of papers and communications to the congress embodying the advance in this field since June, 1909, the date of the last congress.

At a meeting to be held in April or May, 1910, by those charged with the duty of providing suitable organization for the eighth congress some definite action as to such organization may be looked for. Those who have that responsibility are making every effort to get as many suggestions as to divisions of organization, mode of organizing and membership of the organization as possible. Every

one interested in having this organization on as broad foundation as possible is earnestly invited to present any suggestions that may be helpful in that direction, in writing by the middle of April, 1910, so that all these suggestions may be properly classified and collated and put in condition for most thorough consideration before the meeting above referred to actually takes place. Such communications may be addressed to the temporary secretary, Dr. B. C. Hesse, 90 William Street, New York City.

#### THE GRAZ INTERNATIONAL ZOOLOGICAL CONGRESS

THE committee having the affairs of the congress in hand have secured reduced rates on all of the railroads of Austria for the members and participants in the congress. First-class travel will be given on payment of second-class fares, and second-class for third-class fares. This applies not only to the excursions but to all railway travel in Austria from the moment the boundary is crossed, and is available from the tenth of August until the tenth of September. To avail themselves of this privilege members must have their membership cards before reaching Austria, and therefore they should send the fees for membership to the Steiermärkische Eskomptebank, Graz, Austria, so that the membership cards may reach them in good season. The money may be sent by postal order. Those who have not yet received the preliminary circulars of the congress, with the blanks for membership and excursions, should address the Praesidium des VIII Internationaler Zoologenkongress, Universitätsplatz 2, Graz, Austria. A second circular relating to the congress will probably be issued in March or early April. This will be sent to all whose names have been sent in, either as probable members or as desiring further information. It may be well to say that all persons intending to attend the congress should engage their return passage to America at the same time that they obtain their outward accommodations. European travel promises to be very heavy this year, and early application is advisable.

#### SCIENTIFIC NOTES AND NEWS

LORD RAYLEIGH has been elected a foreign associate of the Paris Academy of Sciences in succession to the late Simon Newcomb. Sir Patrick Manson has been elected a foreign correspondent in the section of medicine and surgery.

THE Edison medal of the American Institute of Electrical Engineers was presented to Professor Elihu Thomson at the annual dinner of the institute on February 24.

FOR the meeting of the British Association for the Advancement of Science, which is to take place this year at Sheffield, beginning on August 31, under the presidency of the Rev. Professor T. G. Bonney, F.R.S., the following presidents have been appointed to the various sections: Section A (Mathematical and Physical Science), E. W. Hobson, F.R.S.; Section B (Chemistry), J. E. Stead, F.R.S.; Section C (Geology), Professor A. P. Coleman, Ph.D.; Section D (Zoology), Professor G. C. Bourne, D.Sc.; Section E (Geography), Professor A. J. Herbertson, Ph.D.; Section F (Economic Science and Statistics), Sir H. Llewellyn Smith, K.C.B.; Section G (Engineering), Professor W. E. Dalby, D.Sc.; Section H (Anthropology), W. Crooke, B.A.; Section I (Physiology), Professor A. B. Macallum, F.R.S.; Section K (Botany), Professor J. W. H. Trail, F.R.S.; Section L (Educational Science), Principal H. A. Miers, F.R.S.

THE Athenæum Club has elected under the provisions of the rule which empowers the annual election of nine persons "of distinguished eminence in science, literature, the arts, or for public services," Mr. William Bateson, F.R.S., director of the John Innes Horticultural Institute, Merton, and Professor Henry Taylor Bovey, F.R.S., dean of the faculty of applied science of McGill University.

DR. A. R. FORSYTH has resigned the Sadlerian professorship of pure mathematics at the University of Cambridge.

SIR WILLIAM HUGGINS, F.R.S., the eminent astronomer, celebrated his eighty-sixth birthday on February 7 at his residence at Tulsehill.