

Industry and Chemistry of Sugar (Mr. Richard Garton); (6) Starch Industry—(a) Starch Industry (Dr. Horace T. Brown, F.R.S.), (b) Fermentation (Mr. John Gretton, M.P.); (7) Agricultural Chemistry (Lord Blyth); (8) Hygiene, Medical and Pharmaceutical Chemistry. Bromatology—(a) Hygiene and Medical Chemistry (Sir J. Crichton Browne, F.R.S.), (b) Pharmaceutical Chemistry (Mr. N. H. Martin), (c) Bromatology (Mr. Robert R. Tatlock, F.I.C.); (9) Photographic Chemistry (Sir William Abney, F.R.S.); (10) Electrical and Physical Chemistry (Sir John Brunner, M.P.); (11) Law, Political Economics and Legislation with reference to Chemical Industries (Lord Alverstone).

The sections will meet in the buildings of the University of London and the Imperial College of Science and Technology each day of the congress from 10 o'clock to 1:30 (except on the closing day), and on May 31 and June 1, from 4 to 6. On the evening of Wednesday, May 26, the day before the official opening, the mayor and the corporation will hold a reception of the delegates at the Guildhall. The prince of Wales will open the congress at the inaugural meeting to be held at the Royal Albert Hall on May 27, at 3 o'clock, and in the evening of that day a reception will be held by the foreign office. At 2:30 on Friday, May 28, lectures will be delivered to the whole congress by Professor Haller, of Paris, and Professor Paterno, of Rome, and at Crystal Palace in the evening a banquet will be held, at which it is expected a large number will be present. A garden party will be held at the Botanic Gardens on Saturday, May 29, by the ladies' committee, which has been formed, under the presidency of Lady Ramsay, for the purpose of entertaining the ladies accompanying the members; and later in the day a reception will be held by the London section of the Society of Chemical Industry at the University of London. On Monday, May 31, Professor Otto de Witt, of Berlin, will give a general lecture at 2:30, and at the same hour on the following day, June 1, Sir Boverton Redwood is announced to deliver a lecture to the whole congress. In the

evening of Tuesday, June 1, a reception will be held at the Natural History Museum. The official closing of the congress will take place at a meeting held at 10 o'clock on June 2. In the afternoon members will, by permission of the King, visit Windsor Castle.

The offices of the honorary general secretary, Mr. William MacNab, are at the Imperial College of Science and Technology, South Kensington.

THE SUMMER MEETING OF THE AMERICAN CHEMICAL SOCIETY

THE summer meeting of the American Chemical Society will, as already announced, be held in Detroit, Mich., on June 29 to July 2, inclusive. On the previous day a business meeting of the council will be held. The meetings of the sections and divisions will be held on Tuesday and Wednesday, June 29 and 30, and on Friday, July 2, in the Central High School, which has ample facilities.

On Tuesday evening a complimentary smoker will be given by the Society of Detroit Chemists to the members of the American Chemical Society.

On Wednesday afternoon the members will inspect the works of Parke, Davis & Co., to be followed by a lunch and a moonlight boat-ride on the Detroit River, complimentary to the visiting chemists from this firm.

On Thursday the members will take special cars to the University of Michigan at Ann Arbor, where they will be the guests of the University of Michigan for the day, returning to Detroit in the evening for the usual banquet. The program will be continued on Thursday at the University of Michigan and will consist mainly of special papers of wide general interest.

On Friday the sectional and divisional programs will be continued and excursions taken to manufacturing plants in Detroit.

The headquarters for the meeting will be at the Hotel Pontchartrain. Details in regard to this hotel and other hotels in Detroit may be obtained by addressing the secretary. It is suggested by the local committee that it is very necessary to make hotel reservations in

advance, as Detroit is liable to be crowded at this time.

Special arrangement is being made for the entertainment of ladies who accompany members.

CHARLES L. PARSONS,
Secretary

DURHAM, N. H.

FORMATION OF THE JOINT COMMITTEE
ON THE UNIFICATION OF METHODS
OF ANALYSIS OF FATS AND OILS

At the last meeting of the Association of Official Agricultural Chemists, held in November, 1908, a committee of three was appointed to join with a similar committee, if such could be appointed, from the American Chemical Society and the American Society for Testing Materials, the object being to try to bring about uniformity in the methods of these three great chemical societies, and also that this joint committee should represent this country in the formation of an international commission upon this same subject.

The committee appointed by the Association of Official Agricultural Chemists consisted of Mr. L. M. Tolman, chairman, Mr. Percy H. Walker and Mr. A. Lowenstein. The committee from the American Chemical Society consisted of Mr. A. H. Gill, chairman, Mr. David Wesson and Mr. C. E. Waters. The committee appointed by the American Society for Testing Materials consisted of Mr. C. N. Forrest, chairman, Mr. Jerome Frank and Mr. G. W. Thompson. These three committees have united into the formation of a joint committee, Mr. Tolman being elected chairman, and Mr. Forrest, secretary.

The work of this joint committee is to bring about as far as possible a uniformity in methods of analysis and statement of results. The first meeting was held in New York at the Chemists' Club on May 25, for the consideration of plans of work, and of carrying them on.

THE PUGET SOUND MARINE STATION

A LABORATORY for the study of marine biology has been established by the State University, the State College and the three State

Normal Schools of Washington in cooperation. This is located on the islands of the lower Puget Sound, a region unapproachable for its wealth of marine life. For the session 1909 the laboratory will be maintained at Friday Harbor on San Juan Island from June 21 until July 10, and at Olga on Orcas Island from July 12 until July 31. The following courses are announced: Exploratory Zoology, C. T. Brues, curator of the Milwaukee Public Museum; Invertebrate Zoology, H. S. Brode, professor of biology, Whitman College; Vertebrate Zoology, A. D. Howard, professor of zoology, University of Washington; Insects, A. L. Melander, professor of entomology, Washington State College; Molluscs, James L. Kellogg, professor of zoology, Williams College; Fishes, E. C. Starks, curator, Stanford University; Phylogeny of Plants, Charles E. Bessey, professor of botany, University of Nebraska; Cryptogamic Botany, Charles O. Chambers, professor of biology, Pacific University; Systematic Botany, R. K. Beattie, professor of botany, Washington State College; Ecology, T. C. Frye, professor of botany, University of Washington; Algæ, Mabel R. Simpson, professor of biology, University of Puget Sound.

The equipment of the station will include a steam dredging outfit, motor launch, scows, boats, etc. Microscopes and usual apparatus will be supplied. Tuition is free, but a laboratory privilege charge of ten dollars will be made for the six weeks courses. The Alaska-Yukon-Pacific Exposition at Seattle will afford an unusual opportunity of visiting the Pacific coast at low cost.

An invitation to make the station their headquarters is cordially extended to eastern biologists. Every opportunity will be given for the collection and study of the interesting species of Puget Sound. Correspondence may be addressed to Professor T. C. Frye, University, Seattle, or to Professor A. L. Melander, Pullman, Washington.

THE BIOLOGICAL STATION OF THE
UNIVERSITY OF MICHIGAN

A STATION for instruction and research in biology will be maintained by the University