

Those who have new apparatus, methods or results that will be suitable and available for the New York exhibition should take up this question at an early date, by correspondence with the permanent secretary's office in Washington. Since many research workers are apt to be somewhat overmodest in bringing their work forward, those who know of apparatus and methods recently developed by others are asked to inform the permanent secretary, so that invitations may be sent out to secure as valuable and as representative scientific exhibits as may be had. Arrangements for this important feature of the exhibition should be taken up early, before October 1, for considerable correspondence will probably be necessary in each case and the press of other matters will be very great in the fall. The location of the general exhibition will be announced later. It will be convenient for those who attend the meeting and will be unusually valuable and attractive. The assignment of space for the commercial exhibits is in charge of Major H. S. Kimberly, manager of the exhibition.

An important feature of the New York meeting will be one or more sessions of the Secretaries' Conference, which has recently been organized under the special secretaryship of Dr. George T. Hargitt, Lyman Hall, Syracuse University. Another important feature will be a session and a complimentary dinner of the Academy Conference, also recently organized, the secretary of which is Dr. Howard E. Enders, Purdue University, Lafayette, Ind. The secretaries' complimentary dinner is planned for Sunday evening. That of the academy conference will probably occur Thursday evening. The first session of the executive committee of the association will be held at the general-head-quarters hotel Thursday morning at 10 o'clock and the first council session will be held Thursday afternoon at 2 o'clock, after which will occur a session of the academy conference.

It is very desirable that as many as possible of the preliminary plans for the great New York convention in Science Week shall be completed before June. Little can be accomplished during the summer and both the local committees and the Washington office will be very busy after October 1. Correspondence about local arrangements should be addressed to Dr. Sam F. Trelease, American Association for the Advancement of Science, American Museum of Natural History, 77th St. and Central Park West, New York City. Carbon copies of all such communications should be sent, at the same time, to the permanent secretary's office, American Association for the Advancement of Science, Smithsonian Institution Building, Washington, D. C. Correspondence about space to be occupied by commercial exhibits in the general exhibition should be addressed to Major H. S. Kim-

berly, American Association for the Advancement of Science, Smithsonian Institution Building, Washington, D. C. Communications about scientific exhibits, by investigators and research workers, should be addressed to the permanent secretary.

Further notes concerning preparations for the fifth New York meeting will be published in *SCIENCE* as these become available and the "Preliminary Announcement" of the meeting will appear in the issue of *SCIENCE* for November 30.

BURTON E. LIVINGSTON,
Permanent Secretary

SCIENTIFIC EVENTS

THE INTERNATIONAL POPULATION UNION

At the last session of the World Population Conference in Geneva, on September 3, 1927, there were passed the following resolutions:

The World Population Conference resolves that a permanent international organization be created for the object of studying population problems in a strictly scientific spirit.

A Provisional Committee is hereby authorized to prepare the constitution for this organization.

In accordance with these resolutions the following Provisional Committee for the organization of an International Union for the Scientific Investigation of Population Problems was then appointed, with power to coopt additional members until the total number of the committee was fifteen:

Representing	
Sir Bernard Mallet	United Kingdom of Great Britain
Professor F. A. E. Crew	
Professor E. M. East	United States of America
Professor Raymond Pearl	
Professor Leon Bernard	France
Professor Erwin Baur	Germany
Professor Corrado Gini	Italy
Professor W. Rappard	Switzerland
Professor A. Mahaim	Belgium

Under the power granted for cooptation the following persons have been added to complete the committee:

Representing	
Professor Severino Aznar	Spain
Professor Kiyō Sue Inui	Japan
Professor H. Lundborg	Scandinavia
Professor J. H. dePaula Souza	South America
Doctor Charles H. Wickens	British Dominions
Professor V. Bunak	Russia

The committee organized at Geneva and appointed Raymond Pearl, chairman, and Professor F. A. E. Crew, secretary.

Since last September this committee has been actively engaged in the preliminary work of the organization of the union, with the financial and moral aid and support of the National Research Council and the Social Science Research Council, acting in co-operation. A provisional draft of the statutes of the union is now in process of revision. The general plan of organization proposed is closely similar to that of other existing International Unions in the pure and applied sciences, with such differences only as are necessitated by the manifold and wide-ranging character of population problems. The basis of the union will lie in national committees in the various adhering countries, these underlying national organizations being composed of scientific men interested and active in research regarding various aspects of population. Such national committees have already been formed for Great Britain, France, Italy and the United States, and are in process of organization at the present time in a number of other countries. In the case of the United States committees on population have been appointed by the National Research Council and the Social Science Research Council, respectively, which bodies, acting conjointly, will be the official adherents to the union for this country.

The provisional committee will meet in Paris on July 2, 1928, for the purpose of finally completing the preliminary organization of the union, the first General Assembly of which will take place in Paris on July 4-6, 1928. According to the plan of organization provided for in the statutes, membership in the general assembly of the union will be restricted to delegates officially elected by the national committee of the adhering countries. In addition to the members a limited number of persons may be invited by the general assembly itself to attend its sessions.

The objects of the International Union will be purely scientific. Propaganda of any sort, for any purposes whatsoever, will have no place in its activities.

The purpose of the union will be to develop scientific studies pertaining to the problems of population, and particularly:

- (a) To initiate and organize researches which depend upon international cooperation, and to provide for their scientific discussion and publication.
- (b) To facilitate the establishment of common standards for the collection, tabulation and analysis of data regarding human populations, including economic, sociologic, demographic, agricultural and biologic data.
- (c) To serve as a clearing house for the interchange and dissemination of information about population, especially for the purpose of facilitating research.

- (d) To cooperate to the fullest extent with other scientific bodies having similar objects.

RAYMOND PEARL,

Chairman of the Provisional Committee

INTERNATIONAL CONFERENCES IN 1928

THE Institute of International Education of New York has issued a list of international conferences to be held during the present year. These include the following in the fields of science:

- April 9-11, Fifth International Congress of Refrigeration, Rome.
- May 26-29, Sixth International Congress of Doctors, Naturalists and Engineers, Prague.
- June 3-9, One Hundredth Anniversary of Institution of Civil Engineers, London.
- June 21-24, International Congress of Geologists, Copenhagen.
- June 26-July 14, World's Dairy Congress, London. The program includes papers on all phases of milk industry.
- July 5, Meeting of the International Astronomical Union, Leyden, representing twenty-three countries.
- July 14-23, International Geographical Congress. Meets in London and Cambridge. In addition to the general meetings there will be meetings of six sections.
- July 23-27, International Congress of Radiology, Stockholm.
- July 23-28, Thirty-second session of the Congress of Alienists and Neurologists of the French-speaking world, Antwerp.
- July,* International Convention on Cancer Research, London. Persons and organizations conducting research on cancer are invited to attend.
- Summer,* International Health Congress, Havre and Paris. To consider the extermination of rats.
- September 3-10, International Congress of Mathematicians, Bologna.
- September 4-October 6, World's Power (Fuel) Congress, London. The technical program will be divided as follows: Composition and Classification of Fuels; Preparation of Fuels; Storage, Handling and Transmission of Fuels, and Utilization of Fuels.
- September 10-14, International Psychotechnical Congress, Utrecht.
- September 25-27, International Union against Tuberculosis, Rome.
- September 28, International Congress on Iron and Steel, Bilbao.
- September,* International Congress of Doctors, Budapest.
- October 7-28, International Conference on Aerial Navigation, Berlin.
- October,* International Technical Congress, Tokyo.
- October,* International Congress of Microbiology, Paris.
- November 19-24, Second International Conference on Bituminous Coal, Carnegie Institute of Technology, Pittsburgh.