

day will be devoted to a different aspect of psychology (general, educational, industrial, medical, social, etc.). The mornings will be occupied in the discussion of more general problems (such as the perception of time, the perception of form, the nature of general ability, the concepts of mental and nervous energy, the principles of vocational testing, the psychological value of certain psychoanalytic views), and the afternoons in the presentation of a limited number of papers offered by individual members. Exhibits of apparatus and less technical lectures will be also arranged. The recognized languages of the congress will be English, French, German and Italian.—*From Nature.*

THE LIVERPOOL MEETING OF THE BRITISH ASSOCIATION

THE "Preliminary Program and Invitation Circular" for the approaching Liverpool meeting of the British Association for the Advancement of Science has recently been received. The meeting will occur from Wednesday, September 12, to Wednesday, September 19. Members of the American Association have been cordially invited to attend the meeting and those planning to be present may secure copies of the Preliminary Program, etc., by applying to the Secretary of the British Association, Burlington House, London, W. 1. They are requested also to inform the Washington office of the American Association. It is desirable that our own records show approximately the number of our members who attend the British Association meeting. The Local Secretaries' office for the meeting will be in the Manesty Building, College Lane, Liverpool, till September 10. The Reception Room for the meeting will be at St. George's Hall.

The Liverpool meeting will be under the presidency of the noted physicist, Professor Sir Ernest Rutherford, and it will be the ninety-first annual meeting of the British Association. The inaugural general meeting will occur at 8:30 P. M., on Wednesday, September 12. At this meeting Sir Ernest Rutherford will deliver the presidential address, on "The electrical structure of matter." On the following days will occur the addresses of the sectional presidents, which are announced as follows:

Section A (Mathematics and Physics). Professor J. C. McLennan, on *The Origin of Spectra*.

Section B (Chemistry). Professor F. G. Donnan, on *The Physical Chemistry of Interfaces*.

Section C (Geology). Doctor Gertrude Elles, on *Some Aspects of Evolutionary Paleontology*.

Section D (Zoology). Professor J. H. Ashworth, on *Modern Zoology: its Boundaries and some of its Bearings on Human Welfare*.

Section E (Geography). Doctor Vaughan Cornish, on *The Position and Opportunity of the British Empire*.

Section F (Economic Science and Statistics). Sir W. H. Beveridge, on *Unemployment and Population*.

Section G (Engineering). Sir H. Fowler, on *Transport and its Indebtedness to Science*.

Section H (Anthropology). Professor P. E. Newberry, on *Egypt as a field for Anthropological Research*.

Section I (Physiology). Professor G. H. F. Nuttall, on *Symbiosis in Animals and Plants*.

Section J (Psychology). Mr. C. Burt, on *The Mental Differences between Individuals*.

Section K (Botany). Mr. A. G. Tansley, on *The Present Position of Botany*.

Section L (Educational Sciences). Professor T. P. Nunn, on *The Education of Demos*.

Section M (Agriculture). Doctor C. Crowther, on *Science and the Agricultural Crisis*.

Numerous discussions are announced, some of the topics being: *Cohesion and Molecular Forces, Vocational Tests for Engineering Trades, The Physical Chemistry of Membranes in relation to Physiological Science, The Delinquent Child and Virus Diseases of Plants*.

Saturday, September 15, is to be devoted to excursions. An exhibition of scientific apparatus is being organized and a meteorological demonstration is being arranged.

The annual meeting for 1924 will be held in Toronto, Canada.

BURTON E. LIVINGSTON,
Permanent Secretary, A. A. A. S.

THE AMERICAN ASSOCIATION OF PETRO- LEUM GEOLOGISTS

THE American Association of Petroleum Geologists will hold a mid-year meeting in Los Angeles on September 20, 21 and 22. The program will be devoted to (a) papers on geologic theory with special reference to the origin and occurrence of oil and gas, (b) papers on the geology and development of California oil fields, and (c) papers on geologic problems in the major oil regions, domestic and foreign. The sessions promise to be specially interesting and unusually rich in contributions to geologic theory.

The meeting follows immediately the Special Summer Meeting of the American Association for the Advancement of Science, and at the same place, making attendance at both meetings particularly convenient. The American Association of Petroleum Geologists hopes that many, perhaps all, of those attending the earlier meeting may remain over for the latter. Every member of the American Association for the Advancement of Science, whether geologist or not, will find this meeting interesting and profitable, and every member is warmly invited to attend and to take part in the discussions.

MAX W. BALL,
President