

peptones present, a representative of Parke Davis and Co. He stated that his company kept a record of each batch of peptone made and would gladly furnish with each sample submitted the analysis of that batch as made in their laboratories. The opinion was expressed that the other manufacturers would probably be glad to do the same; but it was pointed out that different companies might make different kinds of analysis and it was suggested that one of the first tests of the contemplated investigation would be to standardize the type of analysis to which peptones should be submitted.

After discussing these various points to be investigated the matter of organizing the work was considered. It was the general opinion that so far as possible no new organization should be created, but that existing organizations should be used. It was pointed out that every organized body represented at the meeting had some committee dealing with the subject under discussion, and that a coordinating committee representing each of these individual committees would be sufficient to insure the needed co-operation. Accordingly the motion was made that a coordinating committee be appointed composed of the chairmen (or their representatives) of the various committees now in existence whose functions cover the matter of bacteriological media, this coordinating committee to put into operation a cooperative investigation looking toward the standardization of the ingredients of bacteriological media; and that the chairman of the committee on bacteriological technique of the Society of American Bacteriologists serve as chairman of the coordinating committee. This motion was seconded and carried by a unanimous vote.

PRELIMINARY ARRANGEMENTS FOR ATTENDING THE TORONTO MEETING OF THE BRITISH ASSOCIATION

PRELIMINARY programs of the approaching Toronto meeting of the British Association (which will occur from August 6 to August 13) have been sent to all members of the American Association residing in the United States. These were sent out from the Washington office of the American Association for the Advancement of Science, under authorization received from the council at the Cincinnati meeting. The American Association is omitting its summer meeting this year because of the Toronto meeting of its sister organization and the British Association has cordially invited all American scientists to be present. It is hoped that many members of the association will be able to attend the great international gathering of scientists and friends of scientific progress.

The following notes will interest persons planning to go to the Toronto meeting from the United States. Reduced railway rates, on the certificate plan, have

been granted by the New England, Trunk Line, Central, Eastern Canadian and Western Canadian Passenger Associations. There will be advantageous round-trip excursion tickets available from regions not cared for by the special rates.

Persons intending to go to the meeting should consult their local railway agents, stating that they desire to attend the Toronto meeting of the British Association. If the special privilege is available from their station they should purchase a one-way, through ticket to Toronto and secure a certificate on the "standard certificate form." (A receipt is not needed.) On arrival in Toronto the certificate is to be presented in the reception room at the meeting. It will there be validated and *after validation* it will entitle the holder to purchase at the railway office a return ticket at one half the regular one-way rate.

If the special reduced rates are not available from your station you may purchase a round-trip ticket to some station from which you can secure the certificate privilege and then proceed as above. Or you may secure a round-trip to Toronto at excursion rates.

Persons traveling to Toronto on round-trip tickets to that place *should not neglect to report* this fact at the office in the reception room at the meeting, although there will be no certificates to be validated in such cases. Round-trip tickets are to be counted in making up the quota necessary for the special rates to those holding certificates.

We are informed that persons traveling to Toronto from the United States may have their baggage passed by the Canadian customs officers with little or no delay if they will state that they are going to attend the meeting of the British Association.

The honorary local secretaries for the Toronto meeting request that persons who plan to attend shall intimate this fact at the earliest possible time. Intimation blanks for this purpose were to accompany the preliminary programs sent to members of the American Association, but the shipment of blanks was delayed and it seemed best to send out the programs without them rather than to delay the sending until later, especially since the school and college year was about to close and many members might not have been reached if the sending had been further delayed. A supply of intimation blanks is available at the Washington office of the American Association and copies may be had on request. Intimation may be sent in without special blank, however. It should be addressed to the Honorary Local Secretaries, British Association, Room 50, Physics Building, University of Toronto, Toronto.

Intimation should include the name, titles and address of the sender. The fee for the meeting is \$5 (transferable ticket, \$6.50; student's ticket, \$2.50—the latter for students not over 23 years of age, at

recognized educational institutions). A check, payable to the British Association for the Advancement of Science, should accompany the intimation to the honorary local secretaries, or payment may be made over the counter in the reception room at the meeting. The subsequently published report of the meeting may be subscribed for by those in attendance, at an additional price of \$2.50. Members of the American Association in good standing may subscribe for the report without paying this additional fee, but they should clearly indicate their wish for it and claim this special privilege. Identification certificates for use in this connection have been placed in the hands of all members of the American Association who were in good standing at the time the preliminary programs were distributed from the Washington office.

The intimation blank requests information as to accommodations wanted at Toronto. A list of hotels and rates is shown in the preliminary program. *Hotel accommodations should be reserved immediately* if not already cared for; the hotels are apt to be crowded. Those desiring accommodations in the university or college residences or in a boarding house should intimate this to the honorary local secretaries.

It is asked also that persons planning to attend the Toronto meeting shall inform the honorary local secretaries in regard to their main scientific interests, so that the names of those planning to attend may be classified according to sections of the association. The sections of the British Association are as follows: A—Mathematics and Physics; B—Chemistry; C—Geology; D—Zoology; E—Geography; F—Economic Science and Statistics; G—Engineering; H—Anthropology; I—Physiology; J—Psychology; K—Botany; L—Educational Science; M—Agriculture.

BURTON E. LIVINGSTON,
*Permanent Secretary, American
Association for the Advancement
of Science*

THE TORONTO MEETING OF THE BRITISH ASSOCIATION

OVERSEA members of the British Association for the Advancement of Science coming to the Toronto meeting, beginning on August 6, include the following:

Section E—Geography

President—J. W. Gregory, professor of geology, University of Glasgow. His presidential address will deal with "The relation of white and colored races in reference to white colonization in the tropics."

Vice-president—Vaughan Cornish.

Recorder—R. N. Brown, University of Sheffield.

Secretary—W. H. Barker, professor of geography, University College, Southampton.

Frank Debenham, lecturer in geography in the Uni-

versity of Cambridge, was with Captain Scott in the Antarctic.

Miss R. M. Fleming, secretary of the Geographical Association.

Osbert John Radcliffe, secretary of the association, formerly geographical assistant to the editor of the "Encyclopaedia Britannica."

R. H. Kinvig, lecturer in the school of geography in the University of Liverpool.

Miss Marion Newbigin, editor of the *Scottish Geographical Magazine*.

John Hardwick Reynolds, assistant to the permanent committee on geographical names for the British Official Congress, the work of which is carried on at the Royal Geographical Society, London.

O. H. T. Rishbeth, lecturer in geography in University College, Southampton.

P. M. Roxby, professor of geography in the University of Liverpool.

A. Stevens, lecturer in geography in the University of Glasgow.

Alec Tweedie, traveler and writer on Iceland, Norway and Finland.

J. F. Unstead, professor of geography in the University of London.

Section H—Anthropology

President—F. C. Shrubbsall, principal assistant medical officer, London County Council.

Vice-president—Charles E. Seligman, professor of ethnology in the University of London, president of the Royal Anthropological Institute.

Recorder—E. N. Fallaize, secretary of the Royal Anthropological Institute.

Secretary—Alexander Low, lecturer in embryology, Aberdeen.

Miss R. M. Fleming, secretary of the Geographical Association.

Dr. T. Ashley, director of the British School at Rome, who will speak on "Recent discoveries in Italy."

Henry Balfour, M.A., curator of the Pitt Rivers Museum, Oxford, will speak on "Anthropology and the administration of the affairs of native races."

Captain L. H. Dudley Buxton, University Museum, Oxford, will discuss "Ancient crania from the valley of Mexico," and will deliver one of the children's lectures at the meeting on "Beyond the great wall of China, and the people who live there."

A. C. Haddon, university reader in ethnology, Cambridge, will discuss "The distribution of early man."

R. R. Marett, dean of Exeter College, Oxford, will speak on "The cinematograph as an instrument of anthropology."

John Linton Myres, Wykeham professor of ancient history in the University of Oxford.

Harold J. E. Peak, ex-president of the anthropological section.

H. J. Rose, professor of latin in University College, Aberystwyth.

Section K—Botany

President—V. H. Blackman, professor of plant