

geologist, Miami University; Dr. Thomas Poulter, physicist, director of the Research Foundation of the Armour Institute of Technology; Richard Black, engineer surveyor, who is attached to the Division of Territories and Island Possessions of the Department of the Interior, and Paul Sipel, who was the Boy Scout member of the last Byrd Expedition and who since has taken his Ph.D. at Clark University.

#### PRELIMINARY PROGRAM OF THE DUNDEE MEETING OF THE BRITISH ASSOCIATION

ACCORDING to the preliminary program of the meeting of the British Association for the Advancement of Science to be held at Dundee, under the presidency of Sir Albert Seward, from August 30 to September 6, the following are among the principal subjects announced for presentation:

##### WEDNESDAY, AUGUST 30

Presidential Address by Sir Albert Seward, on "The Western Isles through the Mists of Ages."

##### THURSDAY, AUGUST 31

Presidential Addresses in the Sections:

A—R. S. Whipple, on "Instruments in Science and Industry."

B—Professor E. K. Rideal, on "Film Reactions as a New Approach to Biology."

D—Professor J. Ritchie, on "Perspectives in Evolution."

G—H. E. Wimperis, on "The Future of Flight."

L—Dr. A. P. M. Fleming, on "Education for Industry."

M—Sir Thomas Middleton, on "Practice with Science. The Farmer's Position and the Scientific Worker's Program."

Discussions, etc., in the Sections:

A—"Television."

B, I—"Tissue Respiration."

C—"Local Geology."

E—"A National Atlas" (with speakers from Sections C, D, F, H, K, M).

G—"Problems of Transatlantic Aviation."

L—"Education as a Preparation for Industry."

Division for the Social and International Relations of Science—Papers and discussion on coordination of scientific research, on population and other topics.

##### FRIDAY, SEPTEMBER 1

Presidential Addresses in the Sections:

E—A. Stevens, on a subject to be announced.

H—Professor W. E. Le Gros Clark, on "The Scope and Limitations of Physical Anthropology."

J—R. J. Bartlett, on "Measurement in Psychology."

K—Professor D. Thoday, on "The Interpretation of Plant Structure."

Discussions, etc., in the Sections:

A, B—"Applications of Artificial Radio-Elements."

C—"Raised Beaches of Forth and Tay."

D—"The Natural History of Salmon and Trout: Exhibition of Biological Films."

F—"Scottish Problems."

G—"Air Conditioning."

I—"The Problem of Pain" (whole-day session, at St. Andrews).

L—"Educational Facilities in Industry."

M—"Agricultural Education."

Discussion on Jute (under the auspices of appropriate Sections).

Conference of Delegates of Corresponding Societies.—Presidential Address by Professor H. L. Hawkins, on "Local Scientific Societies and the Community"; papers and discussion.

##### SUNDAY, SEPTEMBER 3

Division for the Social and International Relations of Science.—Address by Sir Richard Gregory, on "Science and Social Ethics."

##### MONDAY, SEPTEMBER 4

Sectional Presidential Address:

C—Professor H. H. Read, on "Metamorphism and Igneous Activity."

Discussions, etc., in the Sections:

A—"Problems of High-speed Flight."

A—"Surface Temperature of Stars."

B—"Light Alloys."

D—"Problems of Freshwater Biology."

H, I—"Nutrition and Physique."

L—"Educational Research in Scotland."

M—"Grass Conservation."

Conference of Delegates of Corresponding Societies.—Papers and discussion.

##### TUESDAY, SEPTEMBER 5

Presidential Addresses in the Sections:

F—Professor H. O. Meredith, on a subject to be announced.

I—Professor D. Burns, on "The Assessment of Physical Fitness."

Discussions, etc., in the Sections:

A—"High Temperature Problems."

A—"Solar and Terrestrial Relationships."

B—"Intra-molecular Changes."

C—"Old Red Sandstone-Carboniferous Boundary."

H—"Teaching of Anthropology."

I—"The Assessment of Physical Fitness."

L—"Discussion on Spens Report."

M—"Seed Potato Growing."

Discussion on Jute (continued from Friday).

Evening Address by Dr. Isaiah Bowman.

##### WEDNESDAY, SEPTEMBER 6

Division for the Social and International Relations of Science. Discussion on Nutrition.

#### THE BOSTON MEETING OF THE AMERICAN CHEMICAL SOCIETY

ALL the eighteen professional divisions of the Amer-