

colour) of some of the plants of significant horticultural beauty brought to Great Britain. Part of the collection is still unidentified; but the account seeks rather to portray those species which might attract British gardeners. The genus *Meconopsis* is perhaps most strongly represented, followed closely by *Gentiana*, but many other genera are mentioned. Mr. F. Kingdon Ward has also a recent short paper on his war-time explorations in Manipur (*J. Roy. Hort. Soc.*, 73, Pt. 2, Feb. 1948). He noted many interesting plants and confirmed several earlier records by Watts and Clarke.

#### Natural History of Butterflies

A 20-PAGE booklet on "Butterfly Migration" by Dr. C. B. Williams, in the "Young Britain" Educational Series of the *Daily Mail*, has recently come to hand. Simply but effectively written and attractively illustrated, it is a publication with an immediate appeal to young naturalists, if not to older ones also. The photographs of the living insects by S. Beaufoy add to its merits, and the chief facts relative to butterfly migration and what to look for in this field of natural history are clearly presented. Details regarding the various publications in the series are to be obtained from the *Daily Mail* School-Aid Department, New Carmelite House, London, E.C.4. The present booklet and many of the others are priced at 1s.; some cost a little more, but are excellent value at this low figure.

#### Archæology of the Missouri Valley

THE Government of the United States is undertaking a large flood control and development programme in the Missouri Valley, and this will result in the destruction or submergence of many archæological sites which badly need study. Work in the area is a race against time, and "Prehistory and the Missouri Development Program", by W. R. Wedel (*Smithsonian Misc. Coll.*, 107, No. 6), is a summary of what is already known about the archæology, together with an account of a preliminary survey, under the auspices of the Smithsonian Institution, done during the field season of 1946, in order to determine which sites ought to be excavated before they are overwhelmed.

#### A New Mathematical Journal

THE Institute for Mathematics and Mechanics of New York University, of which the director is Prof. R. Courant, has now undertaken the production of a new journal entitled *Communications on Applied Mathematics*, which will appear quarterly. The publishers are Interscience Publishers, New York and London, and the subscription is eight dollars a year. The first number, dated January 1948, contains 99 well-printed pages, on good paper, with several diagrams. Most of it consists of an elaborate investigation of non-linear wave propagation in shallow water and open channels by J. J. Stoker. There is also a shorter paper on free boundaries of an ideal fluid by M. Shiffman. The second number will contain other papers on water waves. It is not intended that the new journal shall deal only with hydrodynamics; later numbers will cover a great variety of topics, including quantum theory, elasticity, aerodynamics, combustion, kinetic theory of gases, and the numerical solution of non-linear partial differential equations. Most of the papers will originate from the Institute for Mathematics and Mechanics of New York University.

#### International Society of Hematology

THE International Society of Hematology will hold its bi-annual meeting in Buffalo, New York, during August 23-26. The provisional time-table allows for half-day sessions as follow: general subjects, including radioactive and stable isotopes in hæmatology; problems and diseases related to the red cells; problems and diseases related to the white cells; immunohæmatology, *Rh-Hr* (*CDE-cde*) antigens and antibodies, and hæmolytic anæmias (two sessions); coagulation problems and hæmorrhagic diseases. The chairman of the Programme Committee is Dr. Ernest Witebsky, Buffalo General Hospital, Buffalo, New York. Dr. Eduardo Uribe Guerola, Leibnitz 212, Nueva Colonia Anzures, Mexico, D.F., is responsible for programme arrangements from South and Central America, and Sir Lionel Whitby, University of Cambridge, for papers from Europe. All scientific sessions and exhibits will be open to those interested in hæmatology. The secretary of the Society is Dr. Sol Haberman, William Buchanan Blood Centre, Baylor Hospital, Dallas, Texas, from whom further particulars can be obtained.

#### International Rheological Congress

AN International Rheological Congress will be held at Scheveningen (The Hague) during September 21-24. The Congress will consider theoretical problems; fundamental experimental methods; rheological properties of various systems; rheological problems in biology; and industrial applications. The plasticity of crystallized materials, soil mechanics and geophysical problems will be excluded, since other international congresses will give attention to these subjects during the year. Sectional meetings for the discussion of special subjects will be a feature of the meeting; at these meetings, every speaker will give only a short account of his paper, so that ample time will be available for discussion. Manuscripts in English or French must be received before May 1. The maximum space for a paper is 2,500 words including formulæ and diagrams, since the *Proceedings* must be limited to 500 pages. Preprints of all papers will be available at least a month in advance of the meeting. Owing to generous support from Dutch industry and scientific societies, the congress fee will be 15 florins (about £1 8s.); this will cover the cost of preprints, but not the *Proceedings*. The Organising Committee will help participants in obtaining accommodation at Scheveningen. The secretary of the Committee is Ir. H. C. den Daas, Julianalaan 134 (Postbox 66), Delft.

#### Summer School in the Physics of Solids

A SUMMER SCHOOL in the Physics of Solids, with particular reference to the properties of ionic solids, will be held in the H. H. Wills Physical Laboratory of the University of Bristol during September 8-15. Lectures will be given by Prof. N. F. Mott, Dr. J. W. Mitchell and other members of the staff of the Laboratory. A purely theoretical course on the electrical properties of ionic solids was held in 1946. The present course is intended for members of the staffs of Government and industrial laboratories who wish to familiarize themselves with both experimental and theoretical work on the properties of ionic solids, particularly in fields beyond those with which they are directly concerned. For each branch of the subject, parallel lectures will be given on the experimental side and on the theoretical side. Accommodation can be arranged at the University Hall of