

locusts and tsetse flies; the effect of insecticides and other chemicals on the balance of animal populations; the development of resistance to insecticides; the estimation of losses from pests; the biological control of insects and weeds; the supply and training of insect taxonomists; pests of tropical cereal crops; developments in work on pests of stored products; problems of forest entomology; developments in termite research; recent developments in research and control of locusts and of tsetse flies. A report of the Conference will be published by the Commonwealth Institute of Entomology and will include reviews of the progress of economic entomology made by the Commonwealth countries during the six years elapsed since the last Conference. Programmes giving full details will be available about four weeks before the Conference from the Director, Commonwealth Institute of Entomology, 41 Queen's Gate, London, S.W.7, to whom all inquiries should be sent.

#### Development of the Mammalian Embryo: Cold Spring Harbor Symposium

THE nineteenth Cold Spring Harbor Symposium on Quantitative Biology will be held during June 7-14, when the topic of "The Mammalian Foetus—Physiological Aspects of Development" will be discussed. The primary function of the symposium will be to evaluate the principal morphological, physiological and biochemical factors that are essential for the immediate well-being and future development of the mammalian embryo. This will involve a consideration of hereditary-foetal and maternal-foetal relationships, as well as of the development and function of the membranes, decidua and trophoblast of the conceptus. Attention will be focused on the homeostatic factors that contribute to normal somatic and visceral development of the embryo to meet the requirements of living before, during and just after birth. Twenty-four of the participants will come from European countries, including Belgium, Finland, France, Great Britain, Ireland, Netherlands, Norway, Sweden and Switzerland. The Symposium is being sponsored by the Carnegie Corporation of New York, the National Science Foundation, and the Association for the Aid of Crippled Children. The programme and any further information can be obtained from the Biological Laboratory, Cold Spring Harbor, New York.

#### International Photobiological Congress in Amsterdam

THE Comité International de Photobiologie (C.I.P.), known before 1951 as the Comité International de la Lumière, will be holding an international congress in Amsterdam during August 23-28, 1954, organized by the Netherlands Committee on Photobiology. The aims of the Committee are the stimulation of scientific research in the physics, chemistry and climatology of ultra-violet, visible and infra-red radiations as they pertain to biology, and the study of the effects and applications of these radiations in biology and medicine. The congress will review the present state of knowledge in certain important fields of photobiological investigation, pure and applied, and will provide a forum for the presentation of new researches; to this end three symposia will be held, with the chairman shown, as follows: photoperiodism in plants and animals (Dr. R. van der Veen, Eindhoven); the effects of ultra-violet radiation on

genetic elements of cells (Dr. R. Latarjet, Paris); and the fundamental effects of light on the skin (Prof. James Hardy, Philadelphia). In addition, it is planned to have reports on photopathology, phototherapy and on methods for the measurement of radiation. The three languages of the Congress will be English, French and German. Persons wishing to attend the congress should write as soon as possible to the Secretariate Congress C.I.P., Radiologisch Laboratorium, Wilhelminagasthuis, Amsterdam.

#### European Congress on Clinical Chemistry

THE first European Congress on Clinical Chemistry will be held in Amsterdam during September 23-28 (Royal Institute for the Tropics, 63 Mauritskade, Amsterdam-O), under the auspices of the Commission on Clinical Chemistry of the International Union of Pure and Applied Chemistry, and will be organized by the Netherlands Society for Clinical Chemistry. The two leading subjects will be: isotopes in the clinico-chemical laboratory; and physical methods of measurement in connexion with clinico-chemical problems. These subjects will be presented in symposia, made up partly of lectures given by invited speakers and partly of free communications, for which a maximum of fifteen minutes will be allowed. Those who wish to read a communication should send in their papers, accompanied by a summary of 100-150 words, to the secretary of the Congress, Ir. O. Meulemans, Racinelaan 17, Utrecht, before April 1. Excursions to various institutes and laboratories and also to places of interest in the Netherlands are being planned. The fee for the Congress is full members 25 florins (about £2 7s.) and those accompanying members 10 florins.

#### Announcements

PROF. J. K. CHARLESWORTH, Department of Geology, The Queen's University, Belfast, has been awarded the Neill Prize for 1951-53 of the Royal Society of Edinburgh for his work on the glaciology of Scotland and his other valuable contributions to geology.

THE American Association of Scientific Workers is to celebrate Prof. Albert Einstein's seventy-fifth birthday on March 14. The celebration is designed to emphasize his contributions as a great scientist, humanitarian and defender of human rights and liberties.

THE Royal Dutch-Shell Group of Oil Companies is offering a research studentship in geophysics of value £450 a year (£500 for married men) and tenable for two to three years at the University of Cambridge, which is open to men of any nationality less than twenty-seven years old. Further information can be obtained from Mr. B. C. Browne, Department of Geodesy and Geophysics, Downing Place, Cambridge, to whom application must be made by July 1.

Two Ramsay Memorial Fellowships, worth £400 a year plus a grant for expenses not exceeding £100 a year, are being offered for chemical research; they will normally be tenable for two years. One of the Fellowships will be limited to candidates educated in Glasgow. Further information can be obtained from the Joint Honorary Secretaries, Ramsay Memorial Fellowships Trust, University College, Gower Street, London, W.C.1, to whom application forms must be sent not later than April 21.