

tract. Other matters reviewed here are a survey of radioactivity in foods, nutritional values of wheat and cabbage proteins, and the use of thin-layer chromatography for lipid examination. An interesting section contains a number of papers on the effects of high-frequency and infra-red cooking (evidently in increasing use in Hungary) on the physical properties of foods and their nutritional losses.

#### Quaternary Diatom Flora in West Sweden

*Diatom Floras in the Quaternary of the Göta River Valley (Western Sweden)*, by Dr. Urve Miller, describes the diatom succession in the silts in the Göta River from Glacial times onwards (*Sveriges Geologiska Undersökning. Series Ca, No. 44. Pp. 67+6 plates. Stockholm, 1964. 30 kr.*). The silts contain a few marine fossils, which prove that they were deposited in an estuary, but at most levels the vast majority of the diatoms are freshwater planktonic species, mainly no doubt carried down by the river, but in part perhaps living in fresh water floating on the top of the sea-water. The succession, which shows some well-distinguished phases, is interpreted as the result of both changing climate and changing freshwater supply. Carbon dating is used. The changes are recorded in the ways used for pollen analysis—a fairly large number is counted (here the number chosen was 2,000) and the percentages of the different species or larger groups are recorded. A good many rare species are noted and figured.

#### The Royal College of Surgeons of England

THE annual report of the Council of the Royal College of Surgeons of England for the year ending July 31, 1964, which includes the report of the Institute of Basic Medical Sciences, contains scientific reports from the Departments of Anatomy, Pathology, Physiology, Pharmacology, Dental Science and Biochemistry, Ophthalmology and Anaesthetics, and the research establishment at Buckston Browne Farm (Pp. 124. London: Royal College of Surgeons of England, 1965). The departmental reports include summaries of research progress, and lists of publications during the year are appended.

#### The Leopoldina German Academy of Sciences: Elections

THE Deutsche Akademie der Naturforscher Leopoldina, Halle, recently elected the following new members in the sections indicated: *Astronomy*, Prof. M. G. J. Minnaert (Utrecht). *Pharmacology*, Prof. F. Markwardt (Erfurt). *Pathology*, Prof. W. Doerr (Heidelberg). *Internal Medicine*, Prof. A. E. Sundermann (Erfurt). *Oto-, Rhino-, Laryngology*, Prof. Rosomarie Albrecht (Jena); Prof. H. Jakobi (Halle); Prof. H. Naumann (Berlin); Prof. H. F. Schuknecht (Boston). *Dermatology*, Prof. H. Kleinc-Natrop (Dresden). *Stomatology*, Prof. R. Ritter (Heidelberg).

#### John F. Kennedy Memorial Fellowships at the Weizmann Institute of Science

UNDER the John F. Kennedy Memorial Fellowships Scheme, established by the Weizmann Institute of Science, Dr. Sidney Borowitz, chairman of the Department of Physics of New York University, New York City, and Dr. Henry Wallman, professor of applied electronics of Chalmers University, Göteborg, have been awarded one-year fellowships at the Weizmann Institute of Science for the academic year 1965-66, and Dr. John Blatt, professor of applied mathematics at the University of New South Wales, has been named a visiting professor at the Institute for a one-year period. Two scholarships at the Feinberg Graduate School of the Weizmann Institute were awarded to Y. Frishman, for research in nuclear physics, and to M. Lahav, for research in X-ray crystallography. Two additional scholarships will shortly be announced.

The John F. Kennedy Memorial Foundation, the funds of which have enabled the awards to be made, was established by the Weizmann Institute of Science in 1964; it is intended as a 5-million dollar endowment fund to advance scientific research. Half the fund has already been raised, in the sum of I£6.5 million, including I£1 million from the Israeli Government, I£2 million from American contributors, I£3 million from the Weizmann Institute's Endowment Fund, I£600,000 from Israel donors. The first recipients were chosen by an international scientific committee consisting of Lord Rothschild (University of Cambridge), Prof. A. Lwoff (Pasteur Institute of the University of Paris), Dr. I. I. Rabi (Columbia University) and Dr. J. Robert Oppenheimer (recently retired director of the Institute for Advanced Study, Princeton).

#### University News:

#### Birmingham

THE following appointments have been announced: *Lectureships*, Mr. G. R. Isaak (Physics); Mr. Y. W. Lam (electronic and electrical engineering); Dr. D. R. Lloyd (chemistry); Dr. N. Crawford (physiological chemistry); Dr. D. G. Gwyn and Dr. D. B. Thomas (anatomy). *Research Fellowships*, Mr. M. M. Bibby (chemistry); Mr. G. S. Boulton (geology); Mr. D. P. S. Peacock (application of scientific techniques to archaeology); Mr. C. S. Repton (electronic and electrical engineering); Mr. J. R. Tittensor (chemistry); Dr. K. Burdett (medical biochemistry and pharmacology).

#### Keele

DR. R. C. MADDISON has been appointed lecturer in physics as from October 1.

#### Nottingham

THE following readers have been appointed: Dr. W. B. Hugo (pharmaceutics); Dr. H. McCallion (mechanical engineering); Dr. R. H. Osborne (geography); Mr. C. Snell (stress analysis); Dr. A. Wright (electrical engineering).

#### Announcements

DR. J. H. QUASTEL, professor of biochemistry at McGill University and director of the McGill-Montreal General Hospital Research Institute, has received the annual award of 500 dollars of the Canadian Society of Microbiologists, in recognition of his many years of outstanding research in microbial physiology and allied fields.

OPEN days will be held at the Mining Research Establishment of the National Coal Board, Isleworth, during July 20-21. Further information can be obtained from C. S. Makower, Mining Research Establishment, Worton Hall, Worton Road, Isleworth, Middlesex.

THE 451st meeting of the Biochemical Society will be held jointly with the Physiological Society in the University of Oxford during July 15-17. Further information can be obtained from the Biochemical Society, 20 Park Crescent, London, W.1.

THE second international conference on "Protozoology" will be held in the Imperial College of Science and Technology during July 29-August 5. Further information can be obtained from Dr. R. S. Bray, London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1.

AN international neurochemical conference entitled "Variation in the Chemical Composition of the Nervous System as Determined by Developmental and Genetic Factors", organized under the auspices of the Neurochemical Commission of the World Federation of Neurology, will be held in Oxford during July 25-30. Further information can be obtained from Dr. G. B. Ansell, Department of Experimental Neuropharmacology, the Medical School, Birmingham 15.