

or 72 dollars the set), recently published, lists 13,395 reactions, which are indexed by magnesium-organic compound used, by starting material, by end product, and by author. The list was compiled principally from the *Chemisches Zentralblatt* from 1899 to 1940 and from *Chemical Abstracts* from 1941 to 1948, and supplements are planned to maintain this work as a standard contemporary source of reference. The nomenclature confirmed by the International Commission on the terminology of organic compounds held at Liège in 1930 is used. References to non-Russian literature are in the Latin script, but sources in the Russian language are quoted in the Cyrillic alphabet.

### Nuclear Data Cards

THE National Academy of Sciences, National Research Council, announces that the large number of subscriptions to the monthly card sets prepared by the Nuclear Data Group has enabled them to be issued at a substantially reduced cost. The price to subscribers during 1957 will be: in the United States and Canada, 15 dollars (first-class mail); elsewhere, 15 dollars (printed matter rate) or 19 dollars (first-class mail); air-mail subscriptions for Europe will be about 30 dollars, and for Japan about 45 dollars per year.

### International Congress of Crop Protection

THE fourth International Congress of Crop Protection will be held in Hamburg during September 8-15, when the following subjects will be discussed: fundamental research (diseases, causal agents, pests), phytotherapy, protection of stored products, crop protection techniques, plant quarantine, organization and legal regulations. Visitors to the Congress are asked to give the titles of papers they wish to deliver before April 1, to the Biologische Bundesanstalt für Land- und Forstwirtschaft, Messeweg 11/12, Braunschweig, from which further information can be obtained.

### University of London

THE following appointments in the University of London are announced: Prof. D. H. R. Barton, regius professor of chemistry in the University of Glasgow, to the university chair of organic chemistry tenable at the Imperial College (see *Nature*, 175, 194; 1955); Dr. E. Neil, reader in physiology at the Middlesex Hospital Medical School, to the John Astor Chair of Physiology tenable at that School; Dr. Cyril Dodd, lecturer in physics at University College, to the university readership in physics tenable at that College. The title of reader in chemistry in the University of London has been conferred on Dr. P. B. D. de la Mare, in respect of his post at University College; and that of reader in pharmacology in the University of London has been conferred on Dr. J. A. Nissim, in respect of his post at Guy's Hospital Medical School.

### Announcements

SUBRAHMANYAN CHANDRASEKHAR, distinguished service professor of theoretical astrophysics in the University of Chicago, has been awarded the 1957 biennial Rumford Premium of the American Academy of Arts and Sciences, "for extending to the cosmic realm the stochastic laws which, on the atomic scale, govern the phenomena of heat; and for his monumental work, 'On the Radiative Equilibrium of a Stellar Atmosphere', in which heat is transported as

light, and light supports matter, and matter is ultimately the source of heat itself".

DR. W. J. WORBOYS has been awarded the Medal of the Society of Chemical Industry, which is awarded not more than once every two years for conspicuous services to applied chemistry or to the Society. Dr. Worboys has been a director of Imperial Chemical Industries, Ltd., since 1948.

DR. D. C. MOORE and Mr. E. A. Taylor, of Imperial Chemical Industries, Ltd., have been awarded the Sir William J. Larke Medal for 1956 by the Institute of Welding for their paper on "The Welding of Copper and Copper Alloys", being the paper judged of the highest merit among those presented to the Institute during the year.

MR. J. F. RICHARDSON has been appointed technical secretary of the Radio Communication and Electronic Engineering Association, under Mr. H. E. F. Taylor, who was recently appointed executive secretary of the Association.

COLONEL B. A. AUSTIN has been appointed chief engineer to Isotope Developments, Ltd. Prior to his service in the Army, Colonel Austin was with Vickers-Armstrong, Ltd., engaged on design and development of computing gear and artillery fire control equipment.

MR. H. F. TREMLETT has been appointed deputy director to the British Welding Research Association at its Research Station at Abington. Mr. Tremlett, who graduated at the Royal School of Mines in 1932, was head of the welding section, central research organization of the Siemens Melting Department at Samuel Fox and Co.

MR. E. A. POULTON has been appointed director of aircraft mechanical engineering equipment research and development in the Ministry of Supply in succession to Mr. R. Graham, who has retired.

AN international convention on starch, organized by the West German Cereals Research Association, will be held at Detmold, Germany, during April 24-26. It will comprise three sessions as follows: research and analysis; starch manufacture and industry; starch fractions and derivatives. Further information can be obtained from the Arbeitsgemeinschaft Getreideforschung e.V., Detmold.

THE Aeronautical Engineering Department of the University of Southampton is to hold a course on acoustics during April 1-6. The course is designed for those having no preliminary knowledge of acoustics, and is intended chiefly for workers in the aeronautical industry, and elsewhere, who have to deal with the increasingly important problems of noise. Further details may be obtained from Mr. D. J. Mead, Aeronautical Engineering Department, The University, Southampton. Applications should be made before March 1.

THREE postgraduate fellowships for those wishing to pursue advanced courses on research in the earth sciences, with especial application to oceanography, have been established by funds from the Associates of the Woods Hole Oceanographic Institution. The fellowships, which are tenable at any approved college or university, will carry a stipend of 2,500 dollars per annum for a single man, or 3,000 dollars per annum for a married man. Application should be made before February 1 to the Director, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts, U.S.A.