

lists in fourteen subject groups 306 projects conducted in American colleges and universities (*NSF 63-8*. Pp. vii+126. Washington, D.C.: National Science Foundation. Obtainable from U.S. Government Printing Office, 1962. 40 cents). Each entry indicates the scope of the project, the date the project was started, and there is an index of authors and one of institutions. Full or partial financial assistance was given to 245 projects, and of these 114 received Federal or State Government funds.

The Institution of Mining and Metallurgy

HONORARY membership of the Institution has been conferred on Mr. D. Gill in recognition of his distinguished services to the mining profession and to the Institution. The following awards of the Institution of Mining and Metallurgy have been announced: *The Gold Medal of the Institution for 1962*, to Mr. F. G. Hill, in recognition of his contributions to underground research, with particular reference to the problem of rockbursts; *The Consolidated Gold Fields of South Africa Limited' Gold Medal for the session 1961-62*, to E. O. Lilje, for his paper entitled "Hydrocyclone Fundamentals" (*Transactions*, 71; 1961-62); *The Consolidated Gold Fields of South Africa Limited' Premium of Forty Guineas for the session 1961-62*, conjointly to R. E. Stanton and Alison J. McDonald, for their papers entitled "Field Determination of Tin in Geochemical Soil and Stream Sediment Surveys", "Field Determination of Cobalt in Soil and Sediment Samples", and "Field Determination of Antimony in Soil and Sediment Samples" (*Transactions*, 71; 1961-62); *The 'William Frecheville' Students' Prize*, to J. G. D. Crone, for his paper, written in collaboration with H. F. C. Nevill, entitled "Wear of Rotary Drag Drill Bits in Granitic Rock" (*Transactions*, 71; 1961-62).

The Zoological Society of London

THE following awards of the Zoological Society of London were presented by H.R.H. the Duke of Edinburgh, president of the Society, at the annual general meeting on May 16. *The Scientific Medal* (awarded to persons under forty years of age for scientific merit and distinguished work in zoology), jointly to Dr. J. W. L. Beament, of the Department of Zoology, University of Cambridge, for his outstanding work on the detailed physical and chemical study of the insect cuticle and egg shell and the discovery of important general principles governing water conservation in small terrestrial mammals, and to Dr. N. A. Mitchison, of the National Institute for Medical Research, for his outstanding work on immunology and tissue transplantation. *The Stamford Raffles Award*, to Mr. R. E. Moreau, in recognition of his contributions to zoology. As an amateur zoologist, Mr. Moreau has acquired an international reputation as an authority on the birds of Africa, covering ecology, breeding seasons and migrations, the behaviour of some otherwise little-known species and the taxonomy of certain families, such as the turacos and weavers. The award is a bronze sculpture by Mr. Henry Moore. *The Thomas Henry Huxley Award*, to Dr. J. Machin, of Queen Mary College, now working at the University of Toronto, for original work submitted as a doctor's thesis to the University of London on "The Water Relations of Snail Integument". The award is a bronze sculpture by Mr. Henry Moore. *The Prince Philip Prize* (open for competition to pupils of zoology, taking the General Certificate of Education Advanced-level Examination or equivalent), to Miss W. A. Freafer (aged eighteen years), of St. Swithun's School, Winchester, for her entry "An Investigation into the Casing Habits of the Caddis-fly Larva, *Limnophilus vittatus*". The award is a bronze sculpture by Mr. Henry Moore. The Society's *Bronze Medal*, to Mr. F. C. Akhurst, overseer at the London Zoo until his retirement in August 1962, "for 37 years of outstanding service in the Society's Aquarium"; and to Mr. A.

Matthews, head keeper (34 years' service), "for assiduous service in the care of animals at Whipsnade Park".

Announcements

PROF. D. MCKIE, head of the Department of the History and Philosophy of Science, University College, London, has been awarded the Dexter Prize of the American Chemical Society for 1963, in recognition of his contributions to the history of chemistry.

MR. R. G. JOHNSON, of Queen's University, Kingston, Ontario, under the terms of the scheme to commemorate the late Lord Rutherford of Nelson, has been appointed to a Rutherford scholarship by the Royal Society for three years, to continue working in the Department of Physics, University of Liverpool, on the determination of the pion-muon mass difference and the mass of the neutrino.

A Bibliography of Russian Literature in English Translation to 1900 (excluding Periodicals), compiled by Maurice B. Line and published by the Library Association, lists first 23 anthologies and collections (Pp. 74. London: The Library Association, 1963. 18s.). The translations are then listed by authors, alphabetically, and this is followed by a chronological list of the first appearances of translations. Scientific works such as Mendelejeff's *Principles of Chemistry* are, by definition, excluded.

Die Deutsche Akademie der Naturforscher Leopoldina, Halle, recently elected the following new members in the sections indicated: *Stomatology*, Prof. K. Balogh (Budapest); *Biology*, Prof. M. Delbrück (Pasadena); *Mineralogy*, Prof. W. Kleber (Berlin); *Neurosurgery*, Prof. G. Merrem (Leipzig); *Surgery*, Prof. R. Nissen (Basle); *Physiology*, Prof. R. Stämpfli (Homburg-Saar); *Biochemistry*, Prof. A. I. Virtanen (Helsinki).

A COLLOQUIUM on "Crystallization in Polymers" will be held in the Library of the Arthur D. Little Research Institute on June 17. Further information can be obtained from the Secretary, Arthur D. Little Research Institute, Inveresk Gate, Musselburgh, Midlothian.

THE summer meeting of the Biological Methods Group of the Society for Analytical Chemistry will be held at the laboratories of the United Dairies, Ltd., London, on June 13. Further information can be obtained from the Secretary, Society for Analytical Chemistry, 14 Belgrave Square, London, S.W.1.

A SUMMER school on "Spectrophotometry", arranged by the Spectroscopy Section of Battersea College of Technology, will be held in the College during June 10-14. The course will cover the principles of spectrophotometric measurements, instruments, new techniques and the interpretation of spectra. The fee will be £15. Forms of application and further information can be obtained from the Secretary (Spectroscopy Courses), Battersea College of Technology, London, S.W.11.

AN advanced study institute on the "Experimental Animal in Research", sponsored by the North Atlantic Treaty Organization, will be held in England during September 9-20. Attendance at this meeting will be strictly limited, but anyone who is especially interested, and who would like further information, should write to the director of the Institute, Dr. W. Lane-Petter, Laboratory Animals Centre, Medical Research Council Laboratories, Woodmansterne Road, Carshalton, Surrey.

ERRATUM. In the communication by Yoshihiko Hirono and G. P. Rédei, entitled "Multiple Allelic Control of Chlorophyll *b* Level in *Arabidopsis thaliana*", which appeared on p. 1324 of the March 30 issue of *Nature*, the fourth line in the caption to Table 1 should read: "Light intensity 4,000-500 ft.-candles".