

graphy, a list of the caves and of the animals recorded from each, and a list of the animals found living in caves arranged in systematic order, and will be provided with an index in two parts—an alphabetical list of the caves and another of the animals recorded. The first and second parts now issued contain the first section of the bibliography (32 pp.), of the list of caves arranged according to the countries in which they occur (64 pp.) and of the catalogue of animals recorded—Protozoa, Coelenterata, Vermes, Crustacea and Insecta as far as the end of the Apterygota (144 pp.). The author is rendering useful service in bringing together the widely scattered references on cave faunas in the literature, and in carefully analysing the papers on the subject for the data recorded in the second and third sections of the work.

#### Romanes Lecture at the University of Edinburgh

MISS ISABELLA DAVIDSON ROMANES, of Edinburgh, who died in 1932, bequeathed to the University Court a sum of £2,000 in memory of her brothers Robert and James, chemists, who graduated B.Sc. in the University of Edinburgh, in 1874 and 1880 respectively. The elder brother, moreover, obtained the degree of D.Sc. in 1876; he was later scientific chemist in the Government School, Rangoon. The University Court has *inter alia* instituted a biennial Romanes lectureship. The first lecture was given on May 24 by Prof. H. Wieland, of Munich, on "Some Enzymic Reactions of Yeast".

#### Population of Arctic Russia

THE Soviet Government has published a map on a scale of 1 to 5,000,000, in two sheets, showing the distribution of people in the northern parts of Russian territory in Europe and Asia, from the Finnish frontier to the Pacific. On a groundwork showing only water features in blue, the various races are shown by twenty-three colours and tints. Squares of colour indicate settlements of different sizes while circles of colour show the density of nomadic peoples. The map is very clear, although the different colours and symbols have to overlap in many places. The data were collected during the census of 1926 and the map has been prepared by P. E. Terlezki for the Northern Tribes Assistance Committee. The legend is in English as well as Russian. The two sheets present a most graphic picture of the distribution of peoples, their relation to river valleys and sea coasts and the meeting and intermingling of various tribes.

#### Physical and Chemical Apparatus

WE have received from Messrs. Griffin and Tatlock, Ltd., Kemble Street, Kingsway, W.C.2, a copy of their illustrated catalogue, No. 50 L, of scientific apparatus. This describes, in 900 pages or more, instruments and apparatus for the physical sciences, including mechanics, sound, heat, light and electricity, with the addition of laboratory fittings and a list of chemicals. The catalogue also contains a very

useful classified list of standard textbooks and recent publications on all branches of physics, chemistry and general science. Of special interest to the teacher of physics is the "Microid Physical Series" comprising apparatus and instruments of new and improved design for demonstrating physical principles. This series contains more than one hundred items and we may instance as articles possessing novel features of interest the circular trolley and centrifugal force apparatus, an apparatus for finding "g", a rotating platform for illustrating angular momentum (Pohl), the universal projector, spectrometer, and optical bench, the potentiometer and the earth inductor. A section on microscopy includes an inexpensive microprojector and drawing apparatus for biological and other subjects. Among technical testing apparatus we find the Griffin-Sutton bomb calorimeter, the Boys' gas calorimeter, and also microid pyrometers. It is gratifying to find that British firms are now active in the design and construction of scientific apparatus.

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:—A temporary surveyor in the Engineer's Department, River Medway Catchment Board—Engineer, 71A Bank Street, Maidstone (Aug. 31). A principal of the Widnes Municipal Technical School—Secretary, Education Office, Town Hall, Widnes (Aug. 31). A technical assistant with training in electro-acoustics at the Air Defence Experimental Establishment, Biggin Hill, Kent—Superintendent (Aug. 31). A deputy station superintendent at the Pigeon House Steam Power Station, I.F.S.—Secretary, Electricity Supply Board, 60 Upper Mount Street, Dublin (Aug. 31). A lecturer in electrical engineering at the College of Technology and Art, Rotherham—Director of Education, Education Offices, Rotherham (Sept. 1). A lecturer in chemistry at the Portsmouth Municipal College—Registrar (Sept. 1). A director of research of the Research and Standardisation Committee of the Institution of Automobile Engineers—Secretary, I.A.E., marked 'Personal' (Sept. 1). An assistant lecturer in the Department of Physiology, qualified in medicine and preferably with a science degree, at University College, Cardiff—Registrar (Sept. 1). A professor of animal husbandry and lecturers in histology and embryology, in chemistry and physics and in biology at the Royal Veterinary College, London, N.W.1—Secretary (Sept. 3). An assistant in the Botany Department of the University of Aberdeen—Secretary (Sept. 8). A demonstrator in civil engineering, City and Guilds (Engineering) College, chiefly for work in connexion with the theory of structures—Secretary, Imperial College of Science and Technology, South Kensington, S.W.7 (Sept. 8). A county librarian to the Northamptonshire Education Committee—Secretary for Education, County Education Offices, Northampton (Sept. 8). A chief advisory economist for the Midland Province at the Midland Agricultural College—Principal of the College, Sutton Bonington, Loughborough. A sanitary engineer for the Department of Health, Palestine—Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M/3449.