

scholarships for special branches of medicine or veterinary science. It also omits awards offered by universities and scientific societies exclusively for the benefits of their own members, and awards for which British subjects are not eligible. An endeavour has been made to bring the information fully up to date, but the post-war policy of some of the bodies responsible for the administration of awards has not been finally settled. Some new awards, founded by recent benefactions, may also have been omitted through lack of information. The awards are arranged in three classes according to whether they are open awards offered (1) by private and public bodies other than universities or colleges, (2) by universities and colleges, and (3) awards restricted to candidates from particular localities or institutions. There is a subject index and a general index.

3h Sintered Glass

A NEW technique for the production of complex glass-metal structures, such as the bases of thermionic valves, is described by E. G. Dorgelo in the January 1946 issue of the *Philips Technical Review*, vol. 8. The process consists in pressing finely powdered glass into a graphite mould in which the metal parts are supported, and in sintering it in a mixed nitrogen-hydrogen atmosphere by high-frequency induction heating. The finished product is opalescent because of the large number of gas bubbles, the average diameter of which is about 50 microns, which are trapped in the fused glass; but these are said not to affect the mechanical properties detrimentally, while in respect of electrical breakdown it is suggested that the powdered-glass product is likely to be superior to that of ordinary glass in which, by mischance, air bubbles of larger size have become enclosed.

4: Observing Ultra-violet Radiation at a Height of 100 Miles

Sky and Telescope of August has a short note which refers to the films developed by the Eastman Kodak Company with special fluorescent coatings for recording ultra-violet radiation. They are to be used in spectrographs mounted in the noses of V2 rockets, and the ultra-violet radiation of sunlight will be recorded when the rockets reach altitudes of about 100 miles. The glow on the fluorescent coating produced by the ultra-violet light is recorded on the film.

University of Sheffield: Appointments

RECENT appointments by the Council of the University of Sheffield include the following: Dr. W. S. Bullough (Sorby Fellow), to be honorary lecturer in zoology; Dr. May H. Beattie, to be honorary demonstrator in bacteriology; Derek R. Wood, to be lecturer in pharmacology; D. K. Hill and H. E. Taylor, to be lecturers in the Department of Glass Technology.

Colonial Service Appointments

THE following appointments in the Colonial Service have been announced: M. A. Barrett, to be agricultural officer, Kenya; J. Bowden, to be entomologist, Gold Coast; A. Simpson, to be geologist, Nigeria; R. C. Clarke, to be land surveyor, Hong Kong; R. S. A. Beauchamp, to be director of freshwater fisheries, Research Station, Jinja, Uganda;

G. A. W. Dove, to be geologist, Lands and Mines Department, British Guiana; J. B. Pollock, to be metallurgist chemist, Uganda; B. W. Thompson, to be professional assistant at the Royal Observatory, Hong Kong; R. P. Davidson, agricultural officer, Malaya, to be agricultural officer, Uganda; T. R. Hayes, senior agricultural officer, Uganda, to be principal agricultural officer, Uganda; M. G. de Courcy-Ireland, agricultural officer, Uganda, to be senior agricultural officer, Uganda; W. J. M. Irving, agricultural officer, Uganda, to be senior agricultural officer, Uganda; C. L. Skidmore, senior agricultural officer, Gold Coast, to be assistant director of agriculture, Gold Coast; J. M. Wingate, senior agricultural officer, Gold Coast, to be assistant director of agriculture, Gold Coast; G. R. G. Kerr, conservator of forests, Nigeria, to be regional assistant chief conservator of forests, Nigeria; D. R. Rosevear, conservator of forests, Nigeria, to be regional assistant chief conservator of forests, Nigeria; N. S. Stevenson, conservator of forests, Nigeria, to be regional assistant chief conservator of forests, Nigeria; M. Perks, surveyor, Nigeria, to be surveyor, Northern Rhodesia.

Announcements

PROF. M. STACEY, of the University of Birmingham, will deliver the Tilden Lecture of the Chemical Society on December 5 at 7.30 p.m.; his subject will be "Macromolecules Synthesized by Micro-organisms".

THE Institution of Naval Architects is offering the following scholarships, tenable for three or four years, according to the length of the course at the university selected, for competition in 1947: *Naval Architecture*: Vickers-Armstrongs, £200 a year; Denny, £130 a year, at the University of Glasgow only; *Marine Engineering*: Yarrow, £170 a year. Entries close on May 31, 1947. Full particulars can be obtained from the secretary of the Institution of Naval Architects, 10 Upper Belgrave Street, London, S.W.1.

DR. A. BOERGER, of the University of Montevideo, director of the Agricultural Research and Plant Breeding Station of La Estanzuela, Uruguay, since 1912, president of the Uruguayan National Commission on the Forage Crop Problem, and author of several books of major importance on agricultural and grassland research in the La Plata region, has received the degrees of doctor *honoris causa* of the University of Montevideo, and of doctor *honoris causa* in agrarian sciences of the University of Buenos Aires. In conferring these distinctions, the authorities of the Universities acknowledged in warm terms the indebtedness of the two great stock-raising countries of the La Plata basin to Dr. Boerger's life-time of devotion to agricultural and grassland research, a devotion which has redounded greatly to the economic advantage of both countries.

In the article "The Multiplicity of Foramina Mentalia in a Human Mandible from the Copper Age of Anatolia" (*Nature*, June 15, p. 792), the author is described as "professor". Dr. Muzaffer Senyürek points out that he holds the post of assistant professor only.

ERRATUM. In the article "Recent Additions to the London Zoo" (*Nature*, Nov. 2, p. 637), the Mau escarpment was described as in "western" Uganda; this should read "eastern" Uganda.