

### Greenkeeping Research

THE Golf Green Research Station at St. Ives, Bingley, continues its investigations into problems connected with the management of lawns. Vol. 2, No. 7 of its journal has recently appeared, and contains articles on "The Management of Golfing Turf on Heavy Soil" by G. Samuels, "Mole Draining of Golf Courses on Heavy Land" by R. B. Dawson, "Composts and Fertilisers in Relation to Greenkeeping" by T. W. Evans, "A Greenkeeper's Guide to the Grasses" by I. G. Lewis, and "Common Weeds of Turf" by R. B. Dawson. The Station has already made outstanding contributions to our knowledge of the ecology of the grasses which are used for lawns. Mr. R. B. Dawson and Dr. T. W. Evans have revolutionised our methods of manuring lawns, both of golf greens and garden and are substituting scientific knowledge for the 'rule of thumb' methods or the absence of methods, of the past. The journal may be obtained from the St. Ives Research Station, Bingley, Yorks., price 2s. 6d. per number.

### Announcements

SIR ROBERT HADFIELD has been elected an honorary member of the Academy of Sciences of the U.S.S.R. in recognition of his work for metallurgy. The Soviet Ambassador in London, Mr. I. Maisky, is giving a luncheon in honour of the occasion on February 28.

MR. KENNETH HEADLAM-MORLEY has been appointed secretary of the Iron and Steel Institute in succession to Mr. G. C. Lloyd, who will retire shortly. Mr. Headlam-Morley was educated at Eton and Oxford, where he was a scholar at New College. He joined the staff of Messrs. Dorman Long and Co. Ltd. in 1925; after a technical training in their iron and steel works at Middlesbrough he has been occupied in their Secretarial, Managing Director's and By-Products Departments, and is well acquainted with the iron and steel industry of western Europe.

AT the annual general meeting of the Quekett Microscopical Club, held at 11, Chandos Street, Cavendish Square, W.1, on February 14, the following officers were elected: *President*: Mr. J. Milton Offord; *Vice-Presidents*: Mr. J. Wilson, Mr. C. D. Soar, Mr. J. Ramsbottom, Mr. E. A. Robins; *Treasurer*: Mr. C. H. Bestow; *Secretary*: Mr. W. S. Warton; *Reporter*: Mr. A. Morley-Jones; *Librarian*: Mr. C. H. Caffyn; *Curator*: Mr. C. J. Sidwell; *Editor*: Mr. W. S. Warton; *New Members of Committee*: Messrs. D. Bryce, W. J. Ireland, E. K. Maxwell, and E. C. Reeve.

A COURSE of six lectures on the design of photographic objectives will be given by Dr. W. D. Wright on Tuesdays and Thursdays commencing on February 28, at the Imperial College of Science and Technology, South Kensington, S.W.7. Further particulars can be obtained from the Registrar of the College.

MR. V. J. P. DE BLOEQ VAN KUFFELER, director of the Zuider Zee Works, will deliver an illustrated lecture, in aid of King Edward's Hospital Fund for London, on March 3, describing the way in which the reclamation of the Zuider Zee has been carried out under his supervision. The lecture will be at 5.30, at Drapers' Hall, Throgmorton Street, E.C.2. Admission will be by ticket obtainable either from the Secretary, King Edward's Hospital Fund for London, 7, Walbrook, E.C.4; or from Messrs. Alfred Hays, Ltd., 74, Cornhill, E.C.2; 26, Old Bond Street, W.1; and 62, Strand, W.C.2 but not at the doors.

WE have received from the Association of British Chemical Manufacturers and from the British Chemical Plant Manufacturers' Association, both of 166 Piccadilly, London, W.1, two publications entitled "British Chemicals 1933" and "Official Directory of Members 1933", respectively. These give the names and addresses of firms from whom various chemicals and types of plant are obtainable. The book on British chemicals is printed in several European languages. Copies may be obtained on application to the Association at the above address.

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:—An assistant at the Building Research Station, Garston—The Secretary, Department of Scientific and Industrial Research, 16, Old Queen Street, Westminster, S.W.1 (Feb. 28). A head of the School of Photography at the Polytechnic, Regent Street, London, W.1—The Director of Education (March 3). A teacher of engineering subjects and a teacher of mathematics at the Acton Technical College—H. M. Walton, Education Offices (H.), 10, Great George Street, London, S.W.1 (March 6). Two agricultural inspectors for the Department of Agriculture for Scotland—The Establishment Officer, Department of Agriculture for Scotland, Queen Street, Edinburgh (March 6). A research assistant in mental deficiency at the Royal Eastern Counties' Institution, Colchester—The Medical Superintendent, Royal Institution, Colchester (March 11). An assistant lecturer in geography at the University of Manchester—The Registrar (March 15). A Channing Wills professor of geology at the University of Bristol—The Registrar (March 16). Three probationary assistant engineers in the Post Office Engineering Department—The Secretary, Civil Service Commission, Burlington Gardens, W.1 (March 16). A lecturer in geology at the University of Durham (Durham Division)—The Head of the Department of Science (March 20). A lecturer in medicine at the University of Aberdeen—The Secretary (March 21). A scientific assistant at the Imperial Bureau of Plant Genetics, School of Agriculture, Cambridge—The Director (March 30). Assistant examiners in the Patent Office—The Secretary, Civil Service Commission, Burlington Gardens, London, W.1 (June 1).