

disquieting when the ravages among the deer tribe it is capable of committing are remembered; and of the wolf, 1 shot in Sind and 34 in Jammu and Kashmir are zoologically of interest.

The bears, for several reasons connected with their varied and wide distribution, are, from the 1942-43 record, curious. Of the brown bear, only three were shot; Himalayan black bear 64, of which 51 were in Jammu and Kashmir. Malayan bear, for perhaps obvious reasons so far as British records go, nil; sloth bear 28, of which 16 were in Jammu and Kashmir and 8 in the Central Provinces. Of the deer tribe, 255 sambar were shot (C.P. 84; U.P. 75; and Bengal 26), and cheetal or spotted deer 291 (U.P. 177, C.P. 78, and Bengal 24).

Turning now to the Himalayan fauna, only 4 urial or sharpu were shot, 1 bharal or blue sheep, 7 ibex (Kashmir) and 2 markhor; 5 tahr, no serow, which is curious, and only 10 goral. Of the common little black buck of the plains, the return shows only three shot.

This return for 1942-43 is of some interest and value since it appears to indicate that the large increase in the fighting forces in India has not synchronized with a far heavier mortality in wild animals, as might have been anticipated.

## FORTHCOMING EVENTS

### Saturday, January 27

ASSOCIATION FOR SCIENTIFIC PHOTOGRAPHY (at Caxton Hall, Westminster, London, S.W.1), at 2.30 p.m.—Mr. H. K. Bourne: "Electric Discharge Lamps for Photography".

### Monday, January 29

ROYAL GEOGRAPHICAL SOCIETY (at Kensington Gore, London, S.W.7), at 5 p.m.—Mr. W. H. Ward: "The Stability of Natural Slopes".

### Tuesday, January 30

ROYAL ANTHROPOLOGICAL INSTITUTE (at the Imperial Institute, Exhibition Road, South Kensington, London, S.W.7), at 1.30 p.m.—Mrs. Bertild Bekker: "Ma-Maroh" (Devil-Feast).

INSTITUTION OF BRITISH AGRICULTURAL ENGINEERS (at the Institution of Electrical Engineers, Savoy Place, Victoria Embankment, London, W.C.2), at 2 p.m.—Mr. T. A. Wedderspoon: "Soil Cultivation" (supporting Intensive Cultivation); Dr. E. W. Russell: "Soil Cultivation" (supporting the Minimum of Cultivation).

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Prof. T. Wallace: "The Diagnosis of Mineral Deficiencies in Crop Plants", (1) "Visible Symptoms produced by Mineral Deficiencies".

SHEFFIELD METALLURGICAL ASSOCIATION (at the Royal Victoria Station Hotel, Sheffield), at 6.30 p.m.—Sir Alexander Dunbar: "The Future of the Steel Industry".

### Wednesday, January 31

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Mr. G. Pierce Clingan: "National Building Regulations".

SOCIETY OF CHEMICAL INDUSTRY (MICROBIOLOGICAL PANEL OF THE FOOD GROUP) (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 2.15 p.m.—Dr. T. F. West and Mr. G. A. Campbell: "The Story of D.D.T. and its Role in Anti-Pest Measures".

INSTITUTE OF WELDING (at the Institution of Civil Engineers, Great George Street, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Welding in Higher Technical Education" (to be opened by Prof. H. Wright Baker and Mr. H. Martin).

### Thursday, February 1

INSTITUTE OF FUEL (at the Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1), at 2.30 p.m.—Mr. P. M. K. Embling: "The Gasification of Bituminous Coal in Producers".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Prof. James Gray, F.R.S.: "Locomotor Mechanisms in Vertebrate Animals", (1) "Swimming of Dolphins; Gliding and other Types of Movement in Snakes".

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting with the INDUSTRIAL RADIOLOGY GROUP OF THE INSTITUTE OF PHYSICS) (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. V. E. Pullin: "A Survey of X-Rays in Engineering and Industry".

### Friday, February 2

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5 p.m.—Prof. E. N. da C. Andrade, F.R.S.: "Metal Crystals and Crystal Strength".

SOCIETY OF CHEMICAL INDUSTRY (joint meeting of the PLASTICS GROUP with the MANCHESTER SECTION OF THE S.C.I.) (at the Grand Hotel, Aytoun Street, Manchester), at 6 p.m.—Dr. W. J. S. Naunton: "The Influence of Auxiliary Chemicals on the Past and Future Development of Synthetic Rubber".

### Saturday, February 3

BIOCHEMICAL SOCIETY (at the British Post-Graduate Medical School, Ducane Road, Shepherds Bush, London, W.12), at 11 a.m.

## APPOINTMENTS VACANT

APPLICATIONS are invited for the following appointments on or before the dates mentioned:

DEPUTY BOROUGH ELECTRICAL ENGINEER AND MANAGER, Corporation of Barking—The Ministry of Labour and National Service, Central (T. and S.) Register, Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting Reference No. D.1048.XA) (January 31).

DEPUTY BOROUGH ELECTRICAL ENGINEER, Borough of Royal Tunbridge Wells—The Ministry of Labour and National Service, Appointments Dept. A3(B), Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting Reference No. D.1042.XA) (January 31).

ASSISTANT ENGINEER by the Government of the Tanganyika Territory—The Ministry of Labour and National Service, Appointments Department A3(B), Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting Reference No. E.1149.A) (February 2).

MECHANICAL MAINTENANCE ENGINEER in the Swansea Electricity Department—The Borough Electrical Engineer and Manager, Guildhall, Swansea (February 3).

ASSISTANT IN THE DEPARTMENT OF ECONOMICS for the Farm Management Survey Scheme—The Acting Principal, South-Eastern Agricultural College, Wye, Ashford, Kent (February 3).

LECTURER (full-time) IN MATHEMATICS in the Science Department—The Clerk to the Governors, South-East Essex Technical College and School of Art, Longbridge Road, Dagenham (February 3).

LECTURER (full-time) with special responsibility for ELECTRICAL ENGINEERING in the Bolton Municipal Technical College—The Director of Education, Education Offices, Bolton, Lanes. (February 5).

METALLURGIST for works in South Midlands on essential war work, and with post-war interests in mass production of refrigerators, domestic equipment, etc.—The Ministry of Labour and National Service, Appointments Department A3(B), Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting Reference No. F.3386.XA) (February 6).

GENERAL MANAGER AND ENGINEER OF THE STOCKTON-ON-TEES ELECTRICITY DEPARTMENT—The Town Clerk, Barclays Bank Chambers, Stockton-on-Tees (endorsed "Electricity General Manager and Engineer") (February 7).

QUALIFIED METALLURGIST for large Iron Foundry by old-established Engineers in East Midlands manufacturing specialized machinery—The Ministry of Labour and National Service, Appointments Dept. A3(B), Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting Reference No. F.3127.XA) (February 8).

TECHNICAL LIBRARIAN (female) by small works located in S.E. London—The Ministry of Labour and National Service, Central Register, Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting Reference No. A.770.XA) (February 9).

SPEECH THERAPIST—The Director of Education, Education Offices, 15 John Street, Sunderland (February 12).

LECTURER IN ELECTRICAL ENGINEERING SUBJECTS, and a TEACHER OF GENERAL SCIENCE, in the Ipswich School of Technology—The Chief Education Officer, Education Department, 17 Tower Street, Ipswich (February 16).

UNIVERSITY READERSHIP IN LOGIC AND SCIENTIFIC METHOD, tenable at the London School of Economics and Political Science—The Academic Registrar, University of London, c/o Richmond College, Richmond, Surrey (February 26).

PSYCHOLOGIST to the Essex Education Committee—The Chief Education Officer, County Offices, Chelmsford (February 28).

UNIVERSITY CHAIR OF CIVIL AND MECHANICAL ENGINEERING, tenable at Queen Mary College—The Academic Registrar, University of London, c/o Richmond College, Richmond, Surrey (March 1).

ASSISTANT SECRETARY jointly to the Glass Delagacy of the University of Sheffield and to the Society of Glass Technology—The Registrar, The University, Sheffield.

GRADUATE TEACHER OF GENERAL SCIENCE in the Burton-upon-Trent Technical Institute and Junior Technical School—The Secretary and Director of Education, Education Offices, Guild Street, Burton-upon-Trent.

ASSISTANT MASTER to teach MECHANICAL ENGINEERING SUBJECTS—The Principal, Technical College, Wolverton, Bucks.

LABORATORY ASSISTANT (skilled) FOR PHYSIOLOGY DEPARTMENT—The Vice-Dean, St. Bartholomew's Hospital Medical College, c/o Queen's College, Cambridge.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Royal Meteorological Society. Bibliography of Meteorological Literature. Prepared by the Royal Meteorological Society with the collaboration of the Meteorological Office. Vol. 5, No. 6 (July-December 1943); No. 7 (January-June 1944). Pp. ii+97-152. (London: Royal Meteorological Society, 1944.) 5s. [115]