

mainly in and on the surface at both ends of the grain, where it is not protected by the lemma and palea, which are now becoming fused with it. Only a little is found on the central portions of the dorsal and ventral surfaces. Such grains are as plump or plumper than non-infected ones.

When diseased grains are planted, severity of infection may express itself in any of five degrees: (1) lack of germination due to the blight of the plumule and radicle at a very early stage, (2) early blight of the still unemerged shoot with infection spreading to the emerged roots, (3) post emergence blight of the shoots and roots, (4) stunting of the seedlings, (5) superficial lesioning of the seedling.

FORTHCOMING EVENTS

(Meeting marked with an asterisk is open to the public)

Saturday, March 27

BIOCHEMICAL SOCIETY (at the Courtauld Institute of Biochemistry, Middlesex Hospital, London, W.1), at 2 p.m.—Annual General Meeting.

Sunday, March 28

SOUTH PLACE ETHICAL SOCIETY (at Conway Hall, Red Lion Square, London, W.C.1), at 11 a.m.—Sir Richard Gregory, Bart., F.R.S.; "Education in World Ethics and Science" (Conway Memorial Lecture).

Tuesday, March 30

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 3 p.m.—Sir Henry Dale, G.B.E., P.R.S.: "Chemistry in Modern Medicinal Treatment". (iii) "The Beginning of Chemotherapy".*

Wednesday, March 31

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Dr. R. E. Slade: "The Chemical Attack upon Pests".

Thursday, April 1

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 5 p.m.—Sound Films of Honorary Members and Faraday Medalists—Sir Ambrose Fleming, F.R.S., and Dr. A. E. Kennelly.

Friday, April 2

ROYAL SOCIETY OF ARTS (JOINT MEETING OF THE INDIA AND BURMA SECTION WITH THE EAST INDIA ASSOCIATION) (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Sir David Meek: "Post-War Industry in India".

ROYAL COLLEGE OF SURGEONS OF ENGLAND (at Lincoln's Inn Fields, London, W.C.2), at 4 p.m.—Sir Hugh Lett, Bart.: "Anatomy at the Barber-Surgeons' Hall" (Thomas Vicary Lecture).

ASSOCIATION OF SCIENTIFIC WORKERS (HARPENDEN BRANCH) (in the Congregational Hall, Harpenden), at 5 p.m.—Mr. A. L. Bacharach: "World Agriculture and Man's Nutritional Needs", 2: "The Scientific Measurement of Human Food Requirements".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5 p.m.—A programme of Scientific Films.

APPOINTMENTS VACANT

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

CHAIR OF CHEMISTRY in the University College of North Wales—The Bursar and Acting Registrar, University College of North Wales, Bangor (April 3).

SENIOR ASSISTANT MASTER (PRINCIPAL SUBJECTS: MATHEMATICS AND SCIENCE, PARTICULARLY ELEMENTARY BIOLOGY) in the English School, Nicosia, Cyprus—The Secretary (I.P.R./CA), Board of Education, Belgrave Square, London, S.W.1 (April 5).

EDUCATIONAL PSYCHOLOGIST (MAN OR WOMAN)—The Director of Education, Education Offices, Leeds 1 (April 7).

LECTURER (WOMAN) IN SCIENCE (BIOLOGY AND GENERAL ELEMENTARY SCIENCE)—The Principal, St. Charles's R.C. Residential Women's College (London), at St. Gabriel's, Coldash, Berks. (April 10).

BOROUGH ELECTRICAL ENGINEER AND MANAGER—The Town Clerk, Town Hall, Keighley (endorsed 'Borough Electrical Engineer and Manager') (April 10).

LABORATORY SUPERINTENDENT FOR THE MEDICAL DEPARTMENT, Government of Nigeria—The Secretary, Overseas Manpower Committee (Ref. 746), Ministry of Labour and National Service, Sardinia Street, Kingsway, London, W.C.2.

TEACHER OF ENGINEERING SUBJECTS, and a TEACHER OF BUILDING CONSTRUCTION AND ALLIED SUBJECTS in the Rotherham College of Technology and Art—The Director of Education, Education Offices, Rotherham.

LABORATORY ASSISTANT (MAN OR WOMAN) for the Physics Department of the London (Royal Free Hospital) School of Medicine for Women, 8 Hunter Street, London, W.C.1—The Warden and Secretary, Reed Hall, Streatham Drive, Exeter.

EDUCATION LECTURER, with good qualifications and experience, particularly in methods of TEACHING ARITHMETIC AND ELEMENTARY MATHEMATICS—The Registrar, Municipal College, Portsmouth.

ENGINEER TO A CATCHMENT BOARD in the North-East of England—The Ministry of Labour and National Service, E.609.X., Central (Technical and Scientific) Register, Alexandra House, Kingsway, London, W.C.2.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Proceedings of the Royal Society of Edinburgh, Section B (Biology). Vol. 61, Part 4, No. 27: The Larval Maxillary Glands of *Euphausia superba* Dana. By M. V. Schorstein. Pp. 375-384. 9d. Vol. 61, Part 4, No. 28: Hybrid Sterility in Artificially Produced Recombinants between *Drosophila melanogaster* and *D. simulans*. By G. Pontecorvo. Pp. 385-397. 1s. (Edinburgh and London: Oliver and Boyd.) [82]

Imperial Forestry Institute: University of Oxford. Eighteenth Annual Report, 1941-42. Pp. 12. (Oxford: Imperial Forestry Institute.) [82]

Geological Survey of Great Britain: Scotland. Wartime Pamphlet No. 13: Limestones of Scotland, Area 2: West-Central Scotland. By Dr. J. B. Simpson; with Contributions by Dr. M. Macgregor and Dr. T. Robertson, and Analyses by Dr. A. Muir and H. G. M. Hardie. Pp. 30. (London: Geological Survey and Museum.) 1s. 6d. [82]

Institution of Heating and Ventilating Engineers. Tables of Hygro-metric Data for Air Conditioning Calculations. Pp. 76. (London: Institution of Heating and Ventilating Engineers.) 2s. 9d. [82]

Sheffield City Libraries. Research Bulletin No. 7: Management and Labour. Pp. 46. (Sheffield: Central Library.) 3d. [102]

Committee of the Privy Council for the Organisation and Development of Agricultural Research. Agricultural Research in Great Britain. Pp. 100. (London: H.M. Stationery Office.) [102]

Report on the Phenological Observations in the British Isles from December 1941 to November 1942. By Major H. C. Gunton. (Quarterly Journal of the Royal Meteorological Society, Vol. 69, No. 299.) Pp. 32. (London: Royal Meteorological Society.) 3s. [112]

Fire: Roinn Talmhaidheachta (Department of Agriculture), Braine Iascaigh (Fisheries Branch). Statistics of Salmon, Sea Trout and Bels captured during each of the Years 1941, 1939, 1937, 1935, 1933, 1931, 1929, 1927. (P. No. 5698.) Pp. 19. (Dublin: Stationery Office.) 6d. [152]

London School of Hygiene and Tropical Medicine. Report on the Work of the School for the Year 1941-42. Pp. 43. (London: London School of Hygiene and Tropical Medicine.) [182]

Economic Proceedings of the Royal Dublin Society. Vol. 3, No. 13: *Argyresthia conjugella*, Zell., and other Lepidopterous Pests in Ireland during 1942. By Dr. Bryan P. Beirne. Pp. 163-172. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd.) 1s. [182]

Carnegie Trust for the Universities of Scotland. Forty-first Annual Report (for the Year 1941-42) submitted by the Executive Committee to the Trustees on 15th February 1943. Pp. iv+68. (Edinburgh: Carnegie Trust for the Universities of Scotland.) [182]

University of Leeds: Department of Coal Gas and Fuel Industries (with Metallurgy). Report of the Livesey Professor (D. T. A. Townend) for the Session 1941-1942. Pp. 16. (Leeds: The University.) [192]

Other Countries

U.S. Office of Education: Federal Security Agency. Health Services in City Schools. By Dr. James Frederick Rogers. (Biennial Survey of Education in the United States 1938-40, Vol. 1, Chapter 5.) Pp. iii+50. (Washington, D.C.: Government Printing Office.) 15 cents. [291]

Carnegie Corporation of New York. Report of the President, the Secretary and the Treasurer for the Year ended September 30, 1942. Pp. 125. (New York: Carnegie Corporation of New York.) [82]

Bulletin of the Auckland Institute and Museum. No. 2: The New Zealand Recent and Fossil Mollusca of the Family Turridae; with General Notes on Turrid Nomenclature and Systematics. By A. W. B. Powell. Pp. 192+14 plates. (Auckland: Auckland Institute and Museum.) [112]

Ella Sachs Plotz Foundation for the Advancement of Scientific Investigation. Nineteenth Annual Report, 1942. Pp. 6. (Boston, Mass.: Ella Sachs Plotz Foundation, c/o Massachusetts General Hospital.) [152]

Smithsonian Miscellaneous Collections. Vol. 103, No. 1: Distribution and Variation of the Hawaiian Tree Snail *Achatinella apexfulva* Dixon in the Koolau Range, Oahu. By d'Alté A. Welch. (Publication 3684.) Pp. ii+236+12 plates. (Washington, D.C.: Smithsonian Institution.) [152]

Bulletin of the American Museum of Natural History, Vol. 80, Art. 9: Results of the Archbold Expeditions, No. 48: Pteropodidae (Chiroptera) of the Archbold Collections. By G. H. H. Tate. Pp. 331-348. Vol. 81, Art. 1: The Vernay Collection of Cretaceous (Albian) Ammonites from Angola. By Otto Haas. Pp. 224+47 plates. (New York: American Museum of Natural History.) [172]