

CATALOGUES.

- B.D.H. Medical Products. Pp. 68. (London: The British Drug Houses, Ltd.)
 Wild-Barfield Air Tempering Ovens with Forced Air Circulation. (Section B.) Pp. 8. (London: Wild-Barfield Electric Furnaces, Ltd.)
 Catalogue of Important Works on Mammals, Birds, Insects, Shells, etc., Geology, Fossil Plants, Botany and Horticulture. (No. 13.) Pp. 20. (London: John H. Knowles.)
 The Nickel Bulletin. Vol. 3, No. 7, July. Pp. 209-240. (London: The Mond Nickel Co., Ltd.)

Diary of Societies.

SATURDAY, AUGUST 2, TO TUESDAY, AUGUST 12.

INSTITUTION OF ELECTRICAL ENGINEERS (London Students' Section).—
 Summer Meeting in the Ruhr area and Switzerland.

CONGRESSES.

AUGUST 3 TO 9.

INTERNATIONAL CONGRESS FOR SEX RESEARCH (at House of British Medical Association).

Monday, Aug. 4.—Prof. F. A. E. Crew: Puberty and Maturity (Address).
 Papers relating to Puberty and Maturity.

Tuesday, Aug. 5.—Papers on the Biology of Testicular and Ovarian Function.

Wednesday, Aug. 6.—Papers on Hormone Therapy.

Thursday, Aug. 7.—Discussion on Psychology and Biology.

Friday, Aug. 8.—Papers on the Biological and Therapeutical Aspects of the Control of Human Fertility.

Among the papers to be communicated to the Sectional Meetings are The Aschheim-Zondek Test for Pregnancy (Prof. Aschheim); The Corpus Luteum Hormone (Dr. Clauberg); Biological Tests of the Female Hormone (Menformone) (Assistants from Prof. Laqueur's Institute); The Channels and Significance of Excretion of the Female Sex Hormone (Prof. R. T. Frank); The Male Sex Hormone (Prof. S. Loewe); Evidence for the Metabolic Basis of Sexuality (Dr. O. Riddle); Human Hybrids (Prof. C. G. Seligman).

AUGUST 4 TO 9.

INTERNATIONAL CONGRESS OF EXPERIMENTAL CYTOLOGY (in conjunction with the Anatomical Congress) (at Amsterdam).

AUGUST 4 TO 9.

INTERNATIONAL VETERINARY CONGRESS (in Central Hall, Westminster).—
 Discussions on Foot-and-Mouth Disease, Tuberculosis, Infectious Abortion, The Relationship of the Veterinary Surgeon to Animal Husbandry, Veterinary Science in Relation to Public Health, and The Law Governing the Practice of Veterinary Medicine and Surgery. Sectional Meetings on Variola in Domestic Animals, The Use of Drugs in the Treatment of Diseases caused by Worms, Theileriasis, Fowl Typhoid and Bacillary White Diarrhoea, Anthrax, Swine Fever, Milk Fever, Fowl-pox, Genetics, Rabies, Standardisation of Biological Products, Acute Infectious Mastitis, Control of Trypanosomiasis, Deficiency Diseases, Black-leg, Scientific Feeding of Animals, Distemper, Bovine Sterility, Rinderpest, Treatment of Parasitic Diseases, Diseases of the New-born, and Fowl Plague.

AUGUST 5 TO 7.

IMPERIAL HORTICULTURAL CONFERENCE (to discuss the best methods of approach to horticultural problems and the technique involved) (at Royal Society of Arts).

Tuesday, Aug. 5, at 10 A.M.—Sir Robert Greig: Bureaux and their Work. The Director and Chief Officer of the Bureau: Discussion of the Work of the Imperial Bureau of Fruit Production and Future Lines of Development. This will be prefaced by a précis of the work already done.

At 11.30 A.M.—F. L. McDougall: Possible Development of Fruit Growing in the Empire from an Economic Point of View.

At 12.15.—J. L. Brown: The Evolution of the New Zealand Fruit Board.

Experiences of Horticultural Research—

At 2.30.—Dr. W. T. Macoun: In Canada (—) Centralised.

E. F. Palmer: (b) At an Unattached Station.

At 3.10.—Prof. A. C. D. Rivett: In Australia.

At 3.30.—Dr. B. Hahne: Horticultural Research in the Union of South Africa.

At 3.40.—W. G. Freeman: Tropical and Sub-tropical Fruit Industry. Difficulties Encountered and Lines of Attack.

At 4.15.—Sir Frederick Keeble: An Industrial Research Station.

Wednesday, Aug. 6, at 10 A.M.—Sir Daniel Hall: The Directions in which Experimentation is likely to be Valuable in Horticulture.

Field Experiments:—

At 10.45 A.M.—T. N. Hoblyn: The Adaptation of Modern Statistical Methods to Horticultural Conditions.

At 11.30 A.M.—Prof. E. E. Cheesman: Practicability of the Application of Statistical Method in the Case of Tropical and Sub-tropical and other Crops.

At 12.15.—F. J. Martin: Field Experiments in certain Tropical and Sub-tropical Crops in West Africa.

Application of Pure Sciences to Horticultural Problems under—
 Temperate Conditions:—

At 2.30.—Prof. B. T. P. Barker: Fruit Products and Associated Problems.

At 3.—Prof. V. H. Blackman: Some Physiological Considerations in Horticulture.

Tropical and Sub-tropical Conditions:—

At 3.30.—Dr. E. J. Maskell and Dr. T. G. Mason: Physiological Work in the Tropics. Some of the Problems with special reference to Cocoa, and some Possible Lines of Attack.

Soil and Climate Survey as a Basis for Fruit Research:—

At 4.—T. Wallace: Soil and Climate Survey as a Basis for Fruit Research.

T. Rigg: Soil Type and Manuring in Relation to Yield and Quality of Nelson Apples.

A. J. Prescott: Soil and Survey Work as a Basis for Fruit Production in Irrigated Areas.

At 4.30.—H. V. Taylor: Meteorology and Fruit Production: The British Scheme of Research.

Thursday, Aug. 7.—Progress of Fruit Storage Methods:—

At 9.30 A.M.—Dr. F. Kidd: A Survey of the Principal Fruit Storage and Transport Problems of the Empire to-day.

At 9.50 A.M.—T. Wallace: Factors influencing Storage Qualities of Fruits.

At 10.10 A.M.—Dr. A. J. Smith: Problems of Biological Engineering in the Cold Storage of Fruit.

At 10.30 A.M.—Dr. A. Horne: The Infection and Invasion of the Apple Fruit by Fungi in Relation to the Problem of Storage.

At 10.50 A.M.—Dr. D. Haynes: Chemical Change in Stored Apples: The Relation of the Time of Picking to the Chemical Composition and Storage-life of the Apple.

At 11.10 A.M.—Dr. L. P. McGuire and Dr. C. W. Wardlaw: Investigations of the Storage Behaviour of Bananas at the Low Temperature Station of the Imperial College of Tropical Agriculture, Trinidad.

At 11.30 A.M.—W. T. Hunter: Recent Progress in the Study of Johathan Breakdown in U.S.A. and Canada.

At 11.50 A.M.—R. G. Tomkins: Biological Effects of Atmospheric Humidity.

At 12.10.—Meirion Thomas: Biochemical Study of Functional Diseases in Fruits.

Dr. B. T. Dickson and W. M. Carue: The Present Position of the Bitter Pit Problem in Australia.

R. Wheeler: Fruit Transport Problems in Canada.

E. A. Griffiths: Problems of Storage and Transport.

Prof. J. Young: Citrus Storage Investigations in Australia.

At 12.30.—F. A. Stockdale: Sources and Training of Future Horticultural Research Workers.

AUGUST 7 TO 15.

INTERNATIONAL HORTICULTURAL CONGRESS (in London).—Papers to be read on Aug. 8, 11, and 13:—

Prof. Priestley: Vegetative Reproduction from the Standpoint of Plant Anatomy.

Dr. Van der Lek: Anatomical Structure of Woody Plants in Relation to Vegetative Propagation.

Dr. R. Salaman: Vegetative Mutations.

Prof. E. Baur: Production of Mutations by External Stimulus.

Dr. F. E. Denny: The Excitation of Dormant Buds under External Influence.

John Innes Horticultural Institution: Graft Hybrids.

John Innes Horticultural Institution: Vegetative Production of Polypliods.

John Innes Horticultural Institution: Sterility.

G. E. Yerkes: Raising Root Stocks from Seed.

Dr. C. G. Dahl: Root Stocks from Seeds of known Parents.

Dr. R. J. D. Graham and L. B. Stewart: Special Methods of Practical Utility in the Vegetative Propagation of Plants.

Miss Mary E. Reid: The Influence of the Nutrient Conditions of Seeds and Cuttings upon the Development of Roots.

Prof. P. W. Zimmerman: Factors influencing Root Growth of Cuttings.

Dr. A. B. Stout: The Inter-relations between Vegetative Propagation and Seed Reproduction.

N. Esbjerg: Varieties grown on own Roots.

Prof. N. I. Vavilov: The Wild Progenitors of Fruit Trees in Turkestan and in the Caucasus.

R. G. Hatton: The Development of a Research Programme around the 'Build Up' of a Fruit Plant.

Dr. H. Faes: Vine Propagation.

L. Ravaz: The Influence of American Stock on French Vines.

W. G. Freeman: Vegetative Propagation of Cacao and the West Indies Citrus.

Prof. T. Tanaka and Y. Tanaka: Propagation of Citrus Fruits in Japan.

Prof. H. J. Webber: Studies on Rootstock Reactions in Citrus.

Dr. F. E. Halma: The Propagation of Citrus by Cuttings.

Dr. H. P. Traub: The Ripening Process in Fruits, with special reference to the Fig and the Grapefruit.

Prof. B. T. P. Barker: The Fruit Tree Complex in Relation to Environment: Some current Investigations at Long Ashton.

Prof. N. E. Hansen: Fruit Stocks where Mercury Freezes.

Prof. E. C. Aucter: American Experiments in Propagating Deciduous Fruit Trees by Stem and Root Cuttings.

W. T. Macoun: National Tastes in Apples.

Dr. L. Filewicz: The Frost Injuries of Fruit Trees in Poland in 1928-29, with special reference to the Influence of the Stock and Scion upon the Resistance of the Apple-trees against the Frost.

Dr. P. J. S. Cramer: Rubber Budding.

W. A. Orton: Propagation in Tropical Countries.

Prof. F. Work: Some Scientific Problems in connexion with Vegetable Seeds.

Eng. G. Jacobsen: Electric Heating of Soil in Hotbeds and Hot-houses.

Prof. B. Fedtschenko: The Horticultural Work of Russian Botanical Gardens.

Prof. C. Regel: The Botanical Garden of the Present Day.

H. J. Runsey: Horticultural Progress in Australia.