

PUBLICATIONS.

“NEW ZEALAND JOURNAL OF SCIENCE AND TECHNOLOGY.”

Since May, 1936, the *New Zealand Journal of Science and Technology* has been published monthly instead of bi-monthly as before, in order to provide increased space for the publication of the results of scientific research carried out by the Department and its associated scientific institutions and by other Government Departments and research workers attached to other scientific bodies. Full advantage of the increased facilities for publication in the *Journal* has been taken, sixty-seven scientific papers covering a wide range of subjects having been published by the end of March, 1937.

BULLETINS.

The following bulletins were published during the year :—

- No. 49 .. An Introduction to the Grasses of New Zealand, by H. H. Allan.
- No. 50 .. The Cheese Yielding Capacity of Milk and its Relation to the Method of Payment for Milk for Cheesemaking, by F. H. McDowall (also issued as Vol. XVIII, No. 3 (August, 1936), of the *N.Z. Journal of Science and Technology*).
- No. 51 .. The Chilling of Beef for Export, by C. R. Barnicoat.
- No. 52 .. Investigations of Feed Flavour in Cream and Butter, by W. Riddet, E. Bruce Levy, J. W. Woodcock, E. R. Marryat, J. N. Hodgson, and P. D. Sears.
- No. 53 .. A Preliminary Survey of the Citrus Industry in New Zealand, by W. M. Hamilton.
- No. 54 .. Little Barrier Island, by W. M. Hamilton (extracted from the *N.Z. Journ. Sci. & Tech.*, Vol. XVII, No. 2, pp. 465-95; Vol. XVII, No. 6, pp. 717-49; Vol. XVIII, No. 7, pp. 557-78).

IMPERIAL AGRICULTURAL BUREAUX.

The Imperial Agricultural Bureaux were established to act as clearing-houses for the interchange of information between research workers in eight branches of agricultural science throughout the various parts of the British Commonwealth. In New Zealand co-operation with the Bureaux is maintained through the Department of Scientific and Industrial Research, and liaison with the individual Bureaux is effected through official correspondents appointed to deal with specific inquiries. Mr. Nevill Wright, Scientific Liaison Officer of the Department in London, has recently been appointed Chairman of the Executive Council of the Imperial Agricultural Bureaux. Mr. Wright previously held the office of Vice-Chairman.

The Bureaux have continued to be of very great assistance to agricultural research workers in New Zealand through their regular publications and special reports, as well as by supplying information in response to specific inquiries.

A British Commonwealth Scientific Conference was held in London in September-October, 1936, mainly to consider the work, finance, direction, and possible extension of usefulness of the Imperial Agricultural Bureaux; proposals for the formation of new bureaux in dairy science and forestry; and proposals directed to ensure fuller co-operation in scientific research. The New Zealand Government was represented by Professor H. G. Denham, Chairman of the Research Council of the Department of Scientific and Industrial Research; Professor W. Riddet, Member of the Research Council; and Mr. Nevill Wright, Scientific Liaison Officer.

The conference recommended, *inter alia*, that increased finance should be provided by Governments participating in the scheme in order to meet existing commitments and the increasing demand on the services of the Bureaux. Proposals for the establishment of a Bureau of Dairy Science and a Bureau of Forestry were also recommended for favourable consideration by the Governments concerned. Certain other recommendations were made regarding increased finance for specific Bureaux; the necessity for the continuance of research in certain activities aided through the Executive Council—*i.e.*, the transport and storage of foodstuffs, the control of insect infection of stored products, and the utilization of wool—and measures to be taken to secure fuller co-operation in scientific research.

RESEARCH SCHOLARSHIPS.

Two National Research Scholarships of an annual value of £100 were awarded during the year. The holders of the scholarships and the researches upon which they are engaged are as follows :—

- Mr. H. Shattock, M.Sc., Canterbury University College, Christchurch: Relation of Viscosity to Strength of New Zealand Wheat.
- Mr. G. I. F. Simkin, M.A., Otago University, Dunedin: An Economic and Psychological Investigation of the Dunedin Confectionery Industry.