

The *Mines Branch*, from its beginning in 1908, has published annual summary reports covering the investigations of the Divisions of Mineral Resources, Ore Dressing and Metallurgy, Fuels and Fuel Testing, Ceramic and Road Materials, and Chemistry, also the operations of the Dominion Assay Office. More detailed and comprehensive reports have also been published, dealing with the technology of most of the economic minerals of Canada.

The *Explosives Division* has published annual reports since 1919.

The publications of the department cover the geology and mineral resources of the greater part of Canada and also many phases of natural history. Most of the reports are available free of charge, or for a nominal price, on application to the Deputy Minister of Mines, or to the Directors of the Branches. Some of the reports may be had in French translations.

National Defence.—*Militia and Defence.*—Annual Report; Militia List; Militia Orders; General Orders. *Naval Service.*—Naval Service Annual Report. *Air Board.*—Report on Civil Aviation.

National Research Council.—*Annual Reports.*—Reports of the National Research Council for the years 1917-18; 1918-19; 1919-20; 1920-21; 1921-22; 1922-23; 1923-24; 1924-25; 1925-26 and 1926-27. *General Reports.*—(1) The Briquetting of Lignites, by R. A. Ross, E.E., D.Sc.; (2) The Recovery of Vapours from Gases, by Harold S. Davis, M.A., Ph.D., and Mary Davidson Davis, B.A.; (3) The De-tarring of Gas by Electrical Precipitation, by J. G. Davidson, Ph.D.; (4) Nicotine and Tobacco Waste, by A. D. Hone, M.A.; (5) Canadian Waste Sulphite Liquor as a Source of Alcohol, by V. K. Kriebler; (6) An Investigation into the Question of Early Putrefaction of Eviscerated Fish in which the Gills have been left, by L. Gross, M.D.; (7) Survey of General Conditions of Industrial Hygiene in Toronto, by the Associate Committee of the National Research Council on Industrial Fatigue; (8) A Method of Smelting Titaniferous Iron Ore, by W. M. Goodwin; (9) Food Requirements of the Ranch Fox, by G. E. Smith, B.A. Sc.; (10) Fuel Saving Possibilities in House Heating, by L. M. Arkley and James Govan; (11) The Red Discolouration of Cured Codfish, by F. C. Harrison, D.Sc., F.R.S.C. and Miss Margaret E. Kennedy, B.A., M.Sc.; (12) The Discolouration, Smut, or Blackening of Canned Lobster, by F. C. Harrison, D.Sc., F.R.S.C. and E. G. Hood, Ph.D.; (13) Cultural Criteria for the Distinction of Wood-destroying Fungi, by Miss Clara W. Fritz, B.A., M.Sc.; (14) On the Utilization of the Low Grade Iron Ores of Canada, submitted by the Sub-committee of the National Research Council on Iron Ores, J. G. Morrow, Chairman; (15) Marine Borers on the Atlantic Coast of Canada, Report of an investigation carried out under the auspices of the National Research Council and the Biological Board, by R. H. M'Gonigle, B.A.; (16) The Relation of Bacteria to the Quality of Graded Butter, by W. Sadler, N.D.D., B.S.A., M.Sc., and R. L. Vollum, M.A.; (17) The Mosquitoes of the Lower Fraser Valley, British Columbia, and Their Control, by Eric Hearle, M.Sc.; (18) Investigations on the Treatment of Nova Scotia Oil Shales, by A. E. Flynn, A.R.S.M.; (19) Bacteriology of Certain Sea Fish, by F. C. Harrison, D.Sc., F.R.S.C.; (20) Consideration of the Relation between the Distribution of Tereido Navalis and the Temperature and Salinity of its Environment, Report of an investigation carried out under the auspices of the National Research Council and the Biological Board of Canada, by R. H. M'Gonigle, B.A.; (21) The Life History of Exeristes Roborator Fab., A Parasite of the European Corn Borer, by J. H. Fox, M.A. *Bulletins.*—(1) The Need of Industrial Research in Canada, by Frank D. Adams, Sc.D., LL.D., F.R.S.; (2) Researches on Sound Measurement with Reference to the Testing of Fog Signal Machinery, by Louis V. King, M.A., D.Sc., F.R.S.C.; (3) How to Handle Frozen Fish, by E. E. Prince, D.Sc., LL.D.; (4) Hints on Frozen Fish, by E. E. Prince, D.Sc., LL.D.; (5) Science and Industry, by Prof. J. C. Fields, Ph. D., F.R.S.; (6) The Heating of Houses, Coal and Electricity Compared, by A. S. L. Barnes; (7) The Manufacture of Ethyl-Alcohol from Wood Waste, by G. H. Tomlinson, B.A.; (8) Some Problems of the Fox Raising Industry, by A. Hunter, M.A., Ch. B., F.R.S.C.; (9) The Honorary Advisory Council for Scientific and Industrial Research and its Work, by Frank D. Adams, Sc.D., LL.D., F.R.S. (10) A Plan for the Development of Industrial Research in Canada, by R. F. Ruttan, M.D., D.Sc., F.R.S.C.; (11) Nitrogen Fixation, submitted by the Nitrogen Fixation Committee of the National Research Council, Prof. J. C. McLennan, F.R.S., Chairman; (12) Nitrogen in Industry, submitted by the Nitrogen Fixation Committee of the National Research Council, Prof. J. C. McLennan, F.R.S., Chairman.