

GEOLOGICAL SURVEY OF CANADA, (G. M. Dawson, C.M.G., LL.D., F.R.S., etc. Director). *Annual Report*, (new series) Vol. IX, Reports A, F, I, L, H, R, S, (1896), No. 655. Ottawa, 1898. Published by authority of Parliament.

This volume of reports and maps of investigations and surveys by the staff of the Geological Survey Department is the ninth of the new series of Annual Reports published by the survey, and forms No. 658 of the list of publications already issued by this useful and important branch of the service. It comprises 816 pages, and is accompanied by five maps and twenty plates, besides a number of figures and diagrams in the text. It opens with a "Summary report of the Department for the year 1896," by the director, in which is given the preliminary results of the year's investigations in British Columbia, North-west Territories and Keewatin, in Ontario, Quebec, the Labrador Peninsula and Nova Scotia.

The following Reports are also included in the volume :

TYRRELL, J. B.—*Report of the Doohaunt, Kazan and Ferguson Rivers and the North-west Coast of Hudson Bay*, 193 pages. Appendix I. *Chipeweyan names of places*, 4 pages. Appendix II. *Vocabulary of words used by the tribe of inland Eskimos inhabiting the banks of Kazan and Ferguson rivers*, 9 pages. Appendix III.—*Plants* (exclusive of algae and fungi). 14 pages. An interesting historical sketch, the description of routes travelled in 1894, the physical geography geographical summary and resources of that hitherto almost unknown territory are presented and discussed in an able and interesting, as well as practical and systematic manner, so as to make the report a most useful and indispensable guide to anyone entering the region described. The cuts illustrating this report are most interesting, and include two showing extensive herds of the Barren-ground Caribou on the shore of Carey Lake.

BELL, ROBERT.—*Report on the Geology of the French River sheet, Ontario*, 29 pages. Describes the Archean rocks of the sheet, the Huronian and Laurentian, the greenstones, arkose, clay slates and slate-conglomerates, the Huronian limestones ; also the Cambro-Silurian areas included within the sheet, besides a dissertation on the surface geology of the region, closing with a chapter on the Economic Minerals known to date. A geological map accompanies the report.

LOW, A. P.—*Report of a traverse of the northern part of the Labrador Peninsula from Richmond Gulf to Ungava Bay*; 43 pages. Describes the routes taken and the geographical as well as topographical features of the country, together with an interesting résumé of the various superficial deposits occurring in this region with special reference to the period of glaciation. Mr. Low's report is also accompanied by a map.

BAILY, L. W.—*Report on the geology of South-west Nova Scotia*, 154 pages. Contains the following: (a) Physical features and surface deposits, (b) Cambrian System, granites, (c) Silurian, Devonian and associate rocks, (d) Economic Minerals, (e) Appendix, giving list of glacial striae. This report includes numerous lists of fossil organic remains from the Silurian and Devonian marine beds of the Nictaux-Torbrook iron-ore basin.

HOFFMANN, G. C.—*Report of the section on Chemistry and Mineralogy*, 53 pages. I. Coals and lignites. II. Miscellaneous Mineralogy. III. Mineralogical notes. IV: Rocks. V. Limestones (analyses). VI. Gold and silver assays from Nova Scotia, New Brunswick, Quebec, N.W. Terr., Ontario and Labrador. VII. Nickel and Cobalt. VIII. Natural waters. IX. Miscellaneous examinations. This report is of great value to the country.

INGALL, E. D.—*Section of Mineral Statistics and Mines*, 1896, 169 pages.—Gives the most reliable information and figures on the output and value of the ores and minerals of Canada.

This volume is made complete by the presence of an index for reference to subjects, places and economic resources mentioned in the text.