

## BIBLIOGRAPHY OF CANADIAN FLORA—concluded.

Acad. Nat. Sci. Phila., vol. LXXX, 1928. <sup>96</sup> WAILES, G. H.—Desmidiaceae from British Columbia. *Contr. Can. Biol.*, new ser., vol. II, No. 21, 1925. <sup>96</sup> LOWE, C. W.—Fresh-water algae and fresh-water diatoms. *Rep. Can. Arct. Exped. 1913-1918*, vol. IV, part A, 1923. <sup>97</sup> HAY, G. U., and MAC KAY, A. H.—List of the marine algae of the Maritime Provinces, etc. *Proc. and Trans. Roy. Soc. Can.* for 1887, vol. V, sect. IV, 1888. <sup>98</sup> BELL, H. P., and MAC FARLANE, CONSTANCE—The marine algae of the Maritime Provinces of Canada. *Can. Jour. Research*, vol. IX, Sept. 1933. <sup>99</sup> KJELLMAN, F. R.—The algae of the Arctic sea. 1883. <sup>100</sup> COLLINS, F. S.—The marine algae of Vancouver island. *Bul. No. 1, Victoria Memorial Museum, Ottawa*, 1913. <sup>101</sup> SETCHELL, W. A., and GARDNER, N. L.—The marine algae of the Pacific coast of North America. I Myxophyceae, II Chlorophyceae, III Melanophyceae. *Univ. Calif. Publ. Bot.*, vol. VIII, 1919, 1920, 1925.

## PART V.—FAUNAS OF CANADA.

An article under this heading, by Rudolph M. Anderson, Ph.D., Chief, Division of Biology, Department of Mines and Resources, appeared at pp. 29-52 of the 1937 Year Book.

## PART VI.—LANDS, SCENIC, AND GAME RESOURCES OF CANADA.

Canada is distinctly a new country, and her resources are for the most part in the early stages of development. The fur, fishery, and forest resources have, it is true, been the basis of trade for two or three hundred years, but exploitation on the present commercial scale is of relatively recent growth. A notable feature, especially in so young a country, has been the effort directed to conservation and, in the cases of those resources which admit of such methods, the actual replenishment or augmentation of the sources of supply by the practice of reforestation, silviculture, fur farming or the establishment of fish hatcheries.

Numerous surveys and investigations of the extent and value of the resources have been made and broad outlines of the resources of the provinces supplement the information on physical geography given on pp. 1 to 16. Detailed information regarding individual natural resources will be found in the later chapters—Agriculture, Furs, Fisheries, Forestry, Minerals, Water Powers—of this volume.

The treatment of resources considered below is concerned only with those phases of the subject which can be properly regarded as falling under the definition of physiography used in its wider interpretation, and which do not specifically relate to individual subjects treated elsewhere in this volume. A classification of lands resources (where there is naturally overlapping since much land suitable for agriculture remains under forest cover), information on the National Parks, and resources in game and scenery properly fall under this head.

**Lands Resources.**—Table 1 presents a broad classification of the potential lands resources of Canada, by provinces. The figures are, in the main, based on estimates prepared by the Dominion Forest Service, Lands, Parks, and Forests Branch, and by the Surveyor General and Chief, Hydrographic and Map Service of the Surveys and Engineering Branch, Department of Mines and Resources; they show how the total land area of Canada is made up as between existing and potential agricultural lands, existing and potential forest lands, and lands which are unproductive as regards surface resources. Between the totals of existing and potential agricultural lands and the totals of existing and potential forest lands there is, of course, duplication to the extent of the agricultural lands under forest.