

III.—SEISMOLOGY IN CANADA.

An article on Seismology in Canada, by Ernest A. Hodgson, M.A., appeared on p. 30 of the Canada Year Book, 1925.

IV.—THE FLORA OF CANADA.

Under the above heading, the Canada Year Book, 1922-23, contained an article prepared by the late J. M. Macoun, C.M.G., F.L.S., and M. O. Malte, Ph.D., and revised by the latter. See page 25 of the 1922-23 edition or page 73 of the 1921 edition.

V.—FAUNAS OF CANADA.

The Canada Year Book, 1922-23, contained an article under the above heading by P. A. Taverner of the Department of Mines, Ottawa. See page 32 of the 1922-23 edition or page 82 of the 1921 edition.

VI.—THE NATURAL RESOURCES OF CANADA.

The economic life of new countries must at first depend entirely, and later, mainly upon their natural resources. Older countries, after exhausting their most easily obtained resources, turn for a livelihood to manufacturing and similar pursuits, conserving their own resources and utilizing those of less developed areas. Canada is distinctly a new country, the resources of which are but now commencing to be appreciated; in recent years numerous surveys and investigations as to their extent and value have been made. A short summary of important details regarding them follows. Fuller information will be found in the introductions to later sections—Agriculture, Furs, Fisheries, Forestry, Minerals, Water-Powers—of this volume.

Agricultural Lands.—Of the total land area of the nine provinces (1,401,315,840 acres), it is estimated that approximately 358,162,190 acres are available for use in agricultural production. This figure is of course an estimate and is taken to include lands now occupied by agriculturists, including grazing lands, and all lands possible of devotion to similar purposes. The area at present under cultivation is but a fraction of this total, the extent under field crops in 1925 being 58,240,667 acres, while the total area under pasture in the same year was 9,364,634 acres. Statistics of farm lands at the census of 1921 place the area then occupied at 140,887,903 acres; the area, therefore, of what may be considered as agricultural land still available for occupation is 217,174,287 acres. Details are given by provinces in Table 6.

6.—Area of Occupied and Available Farm Lands in the Nine Provinces of Canada, 1921.

Provinces.	Area Occupied.	Area Available.	Total Agricultural Land.	Total Land Area.
	acres.	acres.	acres.	acres.
Prince Edward Island.....	1,216,483	41,707	1,258,190	1,397,760
Nova Scotia.....	4,723,550	3,368,450	8,092,000	13,483,520
New Brunswick.....	4,299,560	6,448,440	10,748,000	17,863,040
Quebec.....	17,257,012	26,487,983	43,745,000	442,153,600
Ontario.....	22,628,901	33,821,099	56,450,000	234,163,200
Manitoba.....	14,615,844	10,084,156	24,700,000	148,432,640
Saskatchewan.....	44,022,907	49,435,693	93,458,000	155,768,840
Alberta.....	29,293,053	67,829,947	97,123,000	161,872,000
British Columbia.....	2,860,593	19,757,407	22,618,000	226,186,240
Total.....	140,887,903	217,174,287	358,162,190	1,401,315,840