

Scotia have been described by E. R. FARIBAULT (1). A deposit of this material in Colchester county has been worked for many years, the product being used in the manufacture of rubber goods and silver polish.

The results of a study of the Pleistocene geology of parts of Manitoba have been presented by W. A. JOHNSON (1). This includes townships 1-10, ranges 8-18, east of the principal meridian, and townships 30-37, ranges 16-23, west of the principal meridian. The soils derived from the Pleistocene deposits are classified and the report is accompanied by maps showing the distribution of the soils.

An interesting occurrence of native mercury on Sechart channel, Vancouver island, is thought by V. DOLMAGE (1), who examined it to be encouraging enough to justify thorough prospecting.

Investigations made by J. C. McLENNAN (2) and others show that the element helium is found in the Bow Island natural gas, Alberta, to the extent of 0.29 per cent. Helium is a non-inflammable gas superior to hydrogen for the inflation of balloons.

H. FRECHETTE (2) has made a study of the limestone deposits of Ontario and Quebec and presents analyses of samples of limestone and dolomite obtainable at different quarries.

Surveys of peat bogs in Ontario and Quebec have been made by A. ANREP (1).

SOURCES OF REPORTS AND ARTICLES REFERRED TO IN THE TEXT.

(1) Geological Survey, Ottawa. (2) Mines Branch, Department of Mines, Ottawa. (3) Department of Mines, Toronto, Ontario. (4) Mines Branch, Department of Colonization, Mines and Fisheries, Quebec. (5) Department of Mines, Victoria, B.C. (6) Canadian Institute of Mining and Metallurgy, Drummond Building, Montreal, Quebec.

## V.—AREA AND POPULATION.

**Area by Provinces and Territories.**—Table 1 shows the total area of the Dominion in land and water and its distribution into provinces and territories.

### 1.—Land and Water Area of Canada by Provinces and Territories as in 1921.

Provinces.	Land.	Water.	Total Land and Water.
	sq. miles.	sq. miles.	sq. miles.
Prince Edward Island.....	2,184	—	2,184
Nova Scotia.....	21,068	360	21,428
New Brunswick.....	27,911	74	27,985
Quebec.....	690,865	15,969	706,834
Ontario.....	365,880	41,382	407,262
Manitoba.....	231,926	19,906	251,832
Saskatchewan.....	242,808	8,892	251,700
Alberta.....	252,925	2,360	255,285
British Columbia.....	353,416	2,439	355,855
Yukon.....	206,427	649	207,076
Northwest Territories—			
Franklin.....	500,000	—	500,000
Keewatin.....	205,973	6,851	212,824
MacKenzie.....	501,953	27,447	529,400
<b>Total.....</b>	<b>3,603,336</b>	<b>126,329</b>	<b>3,729,665</b>