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NOTES ON HUDSON BAY SPONGES.

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The number of species of recent marine sponges known to occur in the waters of Hudson Bay and Strait is, up to the present, only four in number, viz., taking them in the order in which they have been collected, *Phakellia ventilabrum*, Johnston, *Reniera mollis*, Lambe, *Suberites montalbidus*, Carter and *Craniella cranium*, (Müller).

The specimens representing these species are in the collection of the Geological Survey.

Two specimens of *Phakellia ventilabrum* were obtained by Dr. Robert Bell, of the Geological Survey, in 1880, one at York Factory, the other between York Factory and Fort Severn, and later, in 1896, Mr. A. P. Low, of the Geological Survey, collected another specimen of the same species on the east coast of Hudson Bay, near Great Whale River. This species has been recorded in North American waters from the North Pacific Ocean, Behring Sea and the Arctic Ocean in the west, and from the River and Gulf of St. Lawrence, and the north-east coast of the United States in the east, (vide Transactions, Royal Society of Canada, vol. xii, 1894, and second series, vol. ii, 1896).

The second species is represented by a fragmentary specimen dredged by Mr. Low in 1897, in Wakeham Bay, Hudson Strait, in 10 fathoms, mud bottom. *Reniera mollis*, like *P. ventilabrum*, has been found on both the Pacific and Atlantic coasts of the continent, in Elk Bay, Discovery Passage, Vancouver Island, B. C., and off the coast of Labrador and at the entrance to the Baie des Chaleurs (vide Transactions, Royal Society of Canada, vol. xi, 1893, and second series, vol. ii, 1896).