

## NATURAL HISTORY OF ATLANTIC PROVINCES.

At the suggestion of Frank H. Eaton, M. A., president of the N. S. Summer School of Science, we give the following partial lists of works and papers on the natural history of these provinces. We are glad to learn that a Natural Science Society or Institute has just been organized for Prince Edward Island. The lack of such an institution heretofore will account for the fewer papers in our list referring specially to the Island. In many respects, however, the natural history of our smaller province is more or less included within that of the greater and encompassing provinces. We are indebted to Mr. Ganong, at present of Harvard University, through the kindness of President Eaton, for the New Brunswick list.

## MAMMALS.

*The Mammals of New Brunswick* (an annotated list). By M. Chamberlain, Bulletin N. B. Natural History Society, No. III., 1884, pp. 37-41. [Also, lists by Hind in Rep. Geology N. B.; Gesner, "New Brunswick"; Adams, "Field and Forest Rambles," etc.]

*On the Mammalia of Nova Scotia* (series of excellent papers). By J. B. Gilpin in proceedings Institute of Natural Science, N. S., from 1864 to 1871. [Also papers in the proceedings of the same institute by Morrow, Gilpin, Hardy, etc., on the caribou, walrus, beaver, orthogoriscus mola, etc., and a "synopsis" by MacKay, in the "Academy." Vol. I., Nos. 2, 3, 4 and 6.]

## BIRDS.

*Catalogue of the Birds of New Brunswick.* By M. Chamberlain, Bulletin N. B. Natural History Society, No. I., 1882, pp. 23-68. [Also lists by Gesner, Adams and others, and several lists of special regions by Boardman, Herrick and others.]

In the proceedings of the Institute of Natural Science, of Nova Scotia, the following papers:

*On the Land Birds of N. S.* By Downs. Vol. I., pt. 3, pp. 38-51; Vol. I., pt. 4, pp. 130-136 (1864-5).

*Observations on Sea Birds.* By Ambrose. Vol. I., pt. 3, pp. 51-59 (1864).

*On some of the Rarer Birds of N. S.* By Jones. Vol. II., pt. 2, pp. 70-74 (1867).

*On the Eagles of N. S.* Gilpin. Vol. III., pt. 3, pp. 202-208, (1872).

*Golden Eyes or Garrats in N. S.* Gilpin. Vol. IV., pt. 4, pp. 390-403 (1877).

*On the Semi-annual Migration of Sea Fowls.* Gilpin. Vol. V., pt. 2, pp. 138-158 (1879).

*On the Birds of Prey of N. S.* Gilpin. Vol. V., pt. 3, pp. 255-269 (1880).

*Ornithological Notes.* Downs. Vol. VI., pt. 3, pp. 326-38 (1885).

*Birds of Nova Scotia* (a catalogue). Downs. Vol. VII., pt. 2, pp. 377-385 (1887).

*Birds of Pictou* (a catalogue). MacKay. "Academy." Vol. I., No. 6.

## AMPHIBIANS AND REPTILES.

*Lists of Amphibians and Reptiles in New Brunswick.* By Adams, in "Field and Forest"; Gesner, in "New Brunswick."

*Amphibia of Nova Scotia.* EDUCATIONAL REVIEW. Vol. I., pp. 233-4.

*Reptilia of Nova Scotia.* Jones. Proc. Inst. Nat. Sci., N. S. Vol. I., Part 3, pp. 114-128 (1864).

*Notes on the Serpents of Prince Edward Island.* Mellish, Proc. Inst. Nat. Sci., N. S. Vol. IV., pt. 2, pp. 163-167 (1875).

## FISHES.

*Annotated Lists of the Fishes of N. B.* Gesner, in "New Brunswick." Perley, Descriptive Catalogue (in part) of the Fishes of New Brunswick and Nova Scotia. Govt. Report, Fredericton (1852).

*Synopsis of the Fishes of the Gulf of St. Lawrence and the Bay of Fundy,* by Theodore Gill, Canadian Naturalist. Vol. II., (new series). Paper 16 (1885).

In the Proceedings of the Inst. of Nat. Sci., N. S., the following papers:

*On the Gaspereaux of N. S.* Gilpin. Vol. I., Part —, pp. 114-128 (1864).

*On the Food Fishes of N. S.* Gilpin. Vol. I., Part 4, pp. 11-14 and 76-91; Vol. II., Part 1, pp. 104-112; Vol. II., Part 2, pp. 17-26.

*Fish of St. Margaret's Bay.* Ambrose. Vol. I., Part 4, pp. 33-43; Vol. II., Part 1, pp. 67-76; Vol. II., Part 2, pp. 87-94.

*On the Salmon of N. S.* Gilpin. Vol. V., Part 1, (1878).

*Nat. Hist. and the Fisheries.* Reid. Vol. 4, Part 2, pp. 131-137.

*List of the Fishes of N. S.* Jones. Vol. V., Part 1 (1879).

## INSECTA.

*Nova Scotian Lepidoptera.* Jones. Proc. Inst. Nat. Sci., N. S. Vol. II., Part 3, pp. 78-88 (1868).

*Nova Scotian Coleoptera,* (by the same). Vol. II., Part 3, pp. 141-155, etc. (1869).

*N. S. Diurnal Lepidoptera* (the same). Vol. III., Part 1, pp. 18-27 (1870); Vol. III., Part 2, pp. 100-103 (1871).

*List of Nova Scotian Butterflies.* Silver. Vol. VII., Part 2, pp. 86-89 (1888).

*Object Lessons on Nova Scotian Insects.* EDUCATIONAL REVIEW. Vol. I. and II.