

ECHINODERMATA.—The sea urchins and star fishes of the Gulf have also been critically re-examined, and a list of them published. The number at present known to inhabit the Gulf north of the Bay des Chaleurs, is about twenty-eight, nearly half of which are now for the first time recorded as denizens of our waters. Three critical species require further elucidation.

ANNELIDA.—All the marine worms collected in 1871 and 1872, have been sent to Dr. W. C. McIntosh (of Murthly, near Perth) a well-known authority in this little studied group of animals. About twenty-four species have been already named, and in a short time it is hoped that the whole series will be identified. The collection made in 1872 is larger, and contains more species than that obtained in 1871.

CRUSTACEA.—Thirty species of Crustacea, collected last summer, have been named. Mr. S. J. Smith (of Yale College, New-haven, Conn.) has kindly identified those which I had no opportunities of determining here. Most of the species are new to the seas of the Province of Quebec.

TUNICATES.—The Tunicates collected, with two exceptions, were sent to Prof. Verrill, who has made a special study of these animals. So far ten species have been identified.

POLYZOA.—This group has been partially studied and worked up by myself. About forty species have been made out with tolerable precision, but there is little doubt that the list will be greatly increased by a closer and more rigorous examination.

MOLLUSCA.—All the sea shells obtained last year have been critically examined and determined. About 150 species of marine testacea are now known to inhabit the seas of this Province.

FISHES.—In conformity with a request from the Minister of Marine and Fisheries to that effect, special attention was paid to the collection of facts bearing directly or indirectly upon the sea fisheries of the Dominion. With what success this part of my mission has been attended, those who have taken the trouble to peruse my report to the Government must decide.

To sum up this portion of my report, about ninety species of marine animals, new to the Canadian fauna, have been collected, studied and determined during the past year. These have either