

REVIEWS.

CATALOGUE OF THE MARINE INVERTEBRATA OF EASTERN CANADA.

By J. W. Whiteaves, LL.D., F.G.S., F.R.S.C. Geological Survey of Canada, pp. 271. 1900.

The publication of this catalogue will be hailed with genuine delight by zoologists the world over, and especially by marine biologists on this continent. Dr. Robert Bell, the eminent head of the Geological Survey, in his introductory note, modestly expresses the hope that it may stimulate to renewed activity Canadian naturalists, who have taken up marine researches, and he very appropriately refers to the opportuneness of the appearance of this catalogue soon after a Marine Biological Station has commenced its work on our Atlantic shores.

Dr. Whiteaves would be the first to disclaim for this catalogue its title to be considered a *magnum opus*, yet such it is, and as such it will be regarded by American naturalists in the future. Hitherto reliance had to be placed on scattered and fragmentary lists and notices by Canadian workers, or to the memoirs and catalogues published in the United States, and professedly dealing less with Canadian than with United States' local faunas. Now we have a faunistic list of our own so far as marine invertebrates are concerned. Two features at once strike the appreciative reader on perusing this catalogue,—first, the extensive geographical area it covers, and the large amount of material it embraces (the species enumerated being over a thousand in number) and second, the care and accuracy revealed on every page of the publication. This latter characteristic the scientific world has long recognised in all Dr. Whiteaves' work and any one familiar with the reports, now somewhat venerable for they date back thirty years, in which Dr. Whiteaves summarised the results of his dredging expeditions in the estuary and Gulf of St. Lawrence, the Bay of Chaleurs, and the Bradelle and Orphan banks as well as parts of the coast of Cape Breton and Prince Edward Island during the years 1871, 1872 and 1873, which reports were published by the Department of Marine and Fisheries, will experience no surprise at the extent of the coastal waters covered by Dr. Whiteaves in the present catalogue. What an infinite amount of labour is represented by