

graduates to engage in original research at the Biological Stations, future volumes of memoirs, not inferior to this, may be looked for in future years.

Science Fellowships from our Royal Society, or Government Science Scholarships, would induce our best and most brilliant students to resort to the Biological Stations, which are unequalled in the world in providing splendid facilities for valuable research.

### C.

SEA-FISHERIES OF EASTERN CANADA.—The Commission of Conservation has just issued a report on the "Sea-Fisheries of Eastern Canada" that is of more than passing interest to all who are interested in the fisheries of Canada. The volume, which is bound in cloth and illustrated in colours, consists of a report of the proceedings of the Committee of the Commission on Fisheries, Game and Fur-bearing animals, which was held in Ottawa on June 4th and 5th last. At this meeting a number of experts delivered addresses on different subjects relating to fisheries, and these were thoroughly discussed by the members of the Committee.

The following is a list of the addresses which the report contains:—

Chairman's Address, by Dr. C. C. Jones; Whitefish of the Great Lakes, by M. J. Patton, M.A.; Conservation of the Oyster, by Joseph Stafford, M.A., Ph.D.; The Lobster Fishery of Canada, by W. A. Found; Oyster Fishery of Prince Edward Island, by Hon. J. A. Matheson, K.C.; Needs of the Fisheries of Nova Scotia, by Dr. Howard Murray; Sea-Fisheries of Eastern Canada, by J. J. Cowie; The Shad Fishery of Canada, by E. E. Prince, LL.D.; Fish Culture in Canada, by W. A. Found.

The appendices contain a number of useful statistical tables respecting fisheries, especially whitefish and shad.

### KILLING FROSTS.

Every plant has its own particular freezing temperature by which it is killed. In all cases it must be at least 2° C. (3° .6 F.) below the freezing point of water (32° F.)

The experiments of Rein show that the critical killing temperature for *Musa ensete* is 2° .10 C. (28° .2 F.); for *Begonia*, 2° .26 C. (27° .9 F.); for Tulip, 3° C. (26° .6 F.); leaf-stem of Laurel, 3° .5 C. (25° .7 F.); of the Olive-tree, 4° .1 C. (24° .6 F.); of the Oleander, 5° C. (23° .0 F.); of *Celandine*, 6° .99 C. (19° .4 F.); of the Daisy, 7° .9 C. (17° .8 F.); of the Violet,