

distance from the station that none of these places have so far been discovered

The district along the east coast of Vancouver Island is very abundantly supplied with polychaetes, both as to variety of species and to number of individuals. It must be that many of these come to the surface to spawn and possibly some of them swarm as does *Odontosyllis*. There is not much chance of finding these otherwise than by accident unless a study is made of them throughout the year so that some idea may be obtained as to when the swarms should be looked for. As yet nothing has been done except for a short time in the summer. Only one case, apart from *O. phosphorea*, has come under my notice. On Sept. 30, 1913, late in the afternoon, probably about 5 o'clock, a male specimen of *Nephtys caeca* (Fabricius) was found swimming at the surface near the station float. Apparently it came to the surface to spawn but no others were seen then or at any time since.

The polychaetes serve as a main article of diet for many of the flat-fish, hence the extensive and intensive study of their life-histories is of importance from an economic as well as from a purely biological point of view. It is quite true that little attention has yet been paid to any of the flatfish of the Pacific with the exception of the halibut but many other species are of just as good flavor (in my opinion, much better) as the halibut, although of course they are much smaller. Since they are probably abundant in various localities, they must receive attention some day and the sooner the better.