

fathoms, yet it must be granted that the number of true deep-sea species of Cirripedia is very considerable.

There are 17 species living at a depth of from 500-1000 fathoms.						
„	12	„	„	„	„	1000-1500 „
„	7	„	„	„	„	1500-2000 „
„	4	„	„	„	„	2000-2500 „
„	3	„	„	„	„	2500-2850 „

Often two or even three species of Cirripedia were brought up with the same haul of the dredge, as for instance :—

- At Station 146.—*Scalpellum tenue*, *Scalpellum brevecarinatum*, *Scalpellum flavum*.  
 „ „ 135.—*Scalpellum eximium*, *Scalpellum carinatum*, *Scalpellum elongatum*.  
 „ „ 184.—*Scalpellum dubium*, *Scalpellum australicum*, *Scalpellum truncatum*.  
 „ „ 150.—*Scalpellum recurvirostrum*, *Balanus corolliformis*.  
 „ „ 204.—*Megalasma striatum*, *Balanus tenuis*, *Scalpellum rubrum*.  
 „ „ 214.—*Scalpellum album*, *Verruca nitida*.

And this seems to prove that there are places where the circumstances are especially favourable to the life of Cirripedia.

The occurrence of *Scalpellum* and *Verruca* in the great depths of the ocean coincides in a striking manner with the palæontological history of these genera. However, I have not been able to identify a single one of the recent species with those described by Darwin, Bosquet, and Reuss, in their palæontological memoirs. The fossil species of *Verruca* resemble much more those of the same genus which at present inhabit shallow water than those occurring at a considerable depth: the latter form together a very characteristic division of the genus. With regard to the genus *Scalpellum*, the fossil forms and those found in the deep sea have no doubt some features in common, yet I failed to ascertain a single instance of specific identity. To a certain extent this fact is explained by the very limited geographical distribution of the different species. With a few exceptions, the species were met with only once. These exceptions are the following :—

*Pæcilasma carinatum*, n. sp., dredged off Culebra Island (West Indies) and off Ascension Island.

*Scalpellum elongatum*, n. sp., dredged off Tristan da Cunha and off East Cape (Auckland).

*Scalpellum velutinum*, n. sp., dredged in the Atlantic Ocean, off Cape St. Vincent, and in lat. 32° 24' S. long. 13° 5' W.

*Scalpellum stroemii*, Sars, dredged south of Halifax and ("Triton" Cruise) north of Scotland.