

The stone crab (*Lithodes maja*, see Fig. 349) was met with only in the deeper parts where the temperature was lower (77 metres and 96 metres, temperature 7.1° C. and 6.15° C.), as in the deep parts of the Norwegian fjords. The whole central portion of the North Sea proved remarkably poor in shrimps (caridids) though the few species present were frequently in considerable numbers.¹

The ordinary wide-meshed appliances (trawls and dredges) undoubtedly give a good idea of the larger bottom-forms composing the fauna, but are less satisfactory when the fauna consists mainly of small crustaceans, for which we found the young-fish trawl extremely useful, as by its means we secured

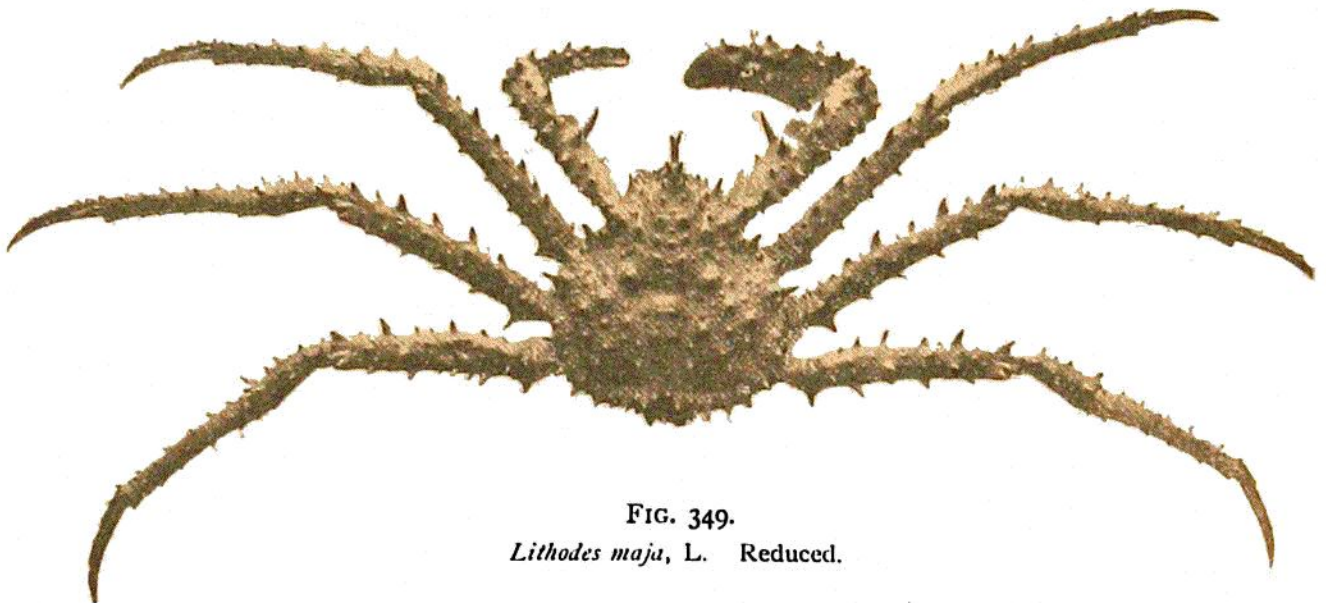


FIG. 349.

Lithodes maja, L. Reduced.

the large numbers of young crangonids already referred to, besides quantities of lower forms of crustaceans, especially amphipods, cumaceans, etc., and larvæ of higher crustaceans, particularly hermit crabs. Even these, however, occur locally,

(*E. cranchi* and *E. tuberosa*) were obtained at depths from 47 metres to 86 metres, with temperatures of 8° to 8.4° C. We also obtained specimens of the crabs *Inachus dorsettensis* and *Stenorhynchus rostratus*, and a single specimen of *Atelecyclus septemdentatus* was taken in the neighbourhood of the Scottish coast in 62 metres at a temperature of 8.4° C. At one station on the coast of Jutland (32 metres, temperature 10.9° C.) the crab *Corystes cassivelanus* was common, but it was quite absent in the central portions. *Galathea dispersa* and *G. intermedia* were got at some stations.

¹ We found, for instance, numerous specimens of a little crangonid (*Cheraphilus nanus*) at a depth of 78 metres, temperature 7° C., a number of individuals belonging to a form related to the common shrimp, *Crangon allmanni*, and *Pandalus annulicornis*. At a station near the Scottish coast, that is to say in the western portion of the North Sea, at a depth of 86 metres, temperature 8.4° C., we found in addition to small specimens of the two last-mentioned forms, of which *Crangon* was in myriads, several specimens of another shrimp (*Hippolyte securifrons*), which is also met with on the eastern side, but not at corresponding depths in the central portion.