

## BATHYMETRICAL DISTRIBUTION.

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In the preceding pages, one hundred and eighty-nine species of Alcyonaria are described as found during the voyage of the Challenger; of this number we have been unable to identify one hundred and thirty-three with already described forms.

In the following list the distribution in depth of one hundred and seventy-seven species is recorded; of which number one hundred and fifty-nine were found in depths of from "shallow water" to one of 600 fathoms, and but eighteen in depths of from 600 fathoms to one of 2300 fathoms.

As to the species from the great depths, it would seem premature to draw any conclusions from them as the record of the deep-sea Alcyonaria seems still to be very incomplete.

Reefs; shallow water, under 100 fathoms, but no precise depth mentioned.

*Acamptogorgia alternans*, reefs.

*Melitodes philippinensis*, reefs.

„ *sinuata*, reefs.

„ *esperi*, reefs.

*Spongodes digitata*, reefs.

„ *spicata*, reefs.

„ *spinosa*, reefs.

*Sarcophytum trocheliophorum*, reefs.

*Sarcophytum glaucum*, reefs.

*Heliopora cærulea*, reefs.

*Pseudoplexaura crassa*, shallow water.

*Plexaura valenciennesi*, shallow water.

*Gorgonia flabellum*, shallow water.

*Suberia genthi*, shallow water.

*Paranephthya capitulifera*, beach.

*Xenia elongata*, shallow water.

*Tubipora musica*, shallow water.

Shallow water to 100 fathoms.

*Plexauroides prælonga*, 8 fathoms.

*Leptogorgia torresia*, 8 fathoms.

*Juncella gemmacea*, 8 fathoms.

*Ellisella maculata*, 8 fathoms.

*Echinogorgia pseudosassapo*, 8 fathoms.

*Telesto arborea*, 9 fathoms.

*Spongodes macrospina*, 10 fathoms.

„ *florida*, 10 fathoms.

„ *anguina*, 10 fathoms.

„ *bicolor*, 10 fathoms.

„ *heterocyathus*, 10 fathoms.

„ *coronata*, 10 fathoms.