

APPENDIX I.

EXPLANATION OF CHARTS AND DIAGRAMS.

CHARTS.



Chart 1 shows the distribution of Marine Deposits by means of Colours, and is compiled from the latest available information (see pages 247 and 248); the depths are represented by means of cross-ruling, and the track of the Challenger is indicated by a dotted line with arrows.

Charts 2 to 43 show the positions of the Sounding and Dredging Stations, nature of the Deposits, direction and force of the Wind and Surface Current, the following abbreviations and symbols being made use of:—

Figures enclosed thus, (37), indicate the position and distinguishing number of a Sounding, Dredging, or Trawling Station. Figures in block letter, thus, 2650, indicate the depth in Fathoms.

The letters under the depth indicate the nature of the Deposit at the bottom:—

gl. oz.	signifying Globigerina Ooze.	r. m.	signifying Red Mud.
pt. oz.	„ Pteropod Ooze.	bl. m.	„ Blue Mud.
di. oz.	„ Diatom Ooze.	calc.	„ calcareous.
rad. oz.	„ Radiolarian Ooze.	s.	„ sand.
r. cl.	„ Red Clay.	m.	„ mud.
crl. m.	„ Coral Mud.	st.	„ stones.
crl. s.	„ Coral Sand.	sh.	„ shells.
volc. m.	„ Volcanic Mud.	g.	„ gravel.
volc. s.	„ Volcanic Sand.	crl.	„ Coral.
gr. m.	„ Green Mud.	h. g.	„ hard ground.
gr. s.	„ Green Sand.		

Arrows thus, , indicate the mean direction of the Wind, the number at the base giving the mean Force (in Beaufort's Scale). Arrows thus, , indicate the direction of the Surface Current, the numbers at the base giving the rate in miles per 24 hours.

The position of the Ship each day at Noon is indicated by a black dot. When the position at noon corresponds with a Sounding Station the black dot is replaced by the number of the Station. The day of the month is noted in hair line, thus, 25, and occasionally the month and year are also given, the month being shown in Roman figures, thus, 1. V. 74.