

FIG.	PAGE
48. DREDGE-FRAME, SHOWING THE MODE OF ATTACHMENT OF THE BAG	251
49. THE END OF THE DREDGE-FRAME, SHOWING THE MODE OF ATTACHMENT OF THE BAG	252
50. DIAGRAM OF THE RELATIVE POSITION OF THE VESSEL, THE WEIGHTS, AND THE DREDGE, IN DREDGING IN DEEP WATER	253
51. DREDGE WITH 'HEMPEN TANGLES'	257
52. SET OF DREDGING SIEVES	260
53. THE MILLER-CASELLA MODIFICATION OF SIX'S SELF-REGISTER- ING THERMOMETER	291
54. COPPER CASE FOR PROTECTING THE MILLER-CASELLA THER- MOMETER	292
55. SERIAL SOUNDING, Station 64	312
56. SERIAL SOUNDING, Station 87	312
57. CURVES CONSTRUCTED FROM SERIAL SOUNDINGS IN THE 'WARM'- AND 'COLD-AREAS' IN THE CHANNEL BETWEEN SCOTLAND AND FÆROE	315
58. CURVES CONSTRUCTED FROM SERIAL AND BOTTOM SOUNDINGS IN THE CHANNEL BETWEEN SCOTLAND AND ROCKALL	319
59. DIAGRAM REPRESENTING THE RELATION BETWEEN DEPTH AND TEMPERATURE OFF ROCKALL	322
60. DIAGRAM REPRESENTING THE RELATION BETWEEN DEPTH AND TEMPERATURE IN THE ATLANTIC BASIN	322
61. CURVES CONSTRUCTED FROM SERIAL AND BOTTOM TEMPERATURE SOUNDINGS IN THE ATLANTIC BASIN	324
62. DIAGRAM REPRESENTING THE RELATION BETWEEN DEPTH AND TEMPERATURE, FROM THE TEMPERATURE OBSERVATIONS TAKEN BETWEEN CAPE FINISTERRE AND CAPE ST. VINCENT, AUGUST 1870	327
63. "EINE GRÖSSERE CYTODE VON BATHYBIUS MIT EINGEBETTEHEN COCCOLITHEN" (x. 700)	412
64. 'COCCOSPHERE' (x. 1000)	414
65. ROSELLA VELATA (sp. n.). Natural size. (No. 32, 1870)	419
66. HYALONEMA LUSITANICUM, Barboza du Bocage: Half the natural size. (No. 90, 1869)	421
67. ASKONEMA SETUBALENSE, Kent. One-eighth the natural size. (No. 25, 1870)	429
68. FLABELLUM DISTINCTUM. Twice the natural size. (No. 28, 1870)	432
69. THECOPSAMMIA SOCIALIS, Pourtales. Once and a half the natural size. (No. 57, 1869)	433
70. PENTACRINUS ASTERIA, Linnaeus. One-fourth the natural size	436
71. PENTACRINUS WYVILLE-THOMSONI, Jeffreys. Natural size. (No. 17, 1870)	443