

Page.	Page.		
Perley, On the Sand Launce.....	6	Temperature Strata, Importance of knowledge of.....	24
Prince Edward Island, Cause of the wearing away of the North Shore of.....	3	"    " Effect of, on Currents.....	30
Pteropods as food for Mackerel.....	9	"    " Table of.....	29
Sea-water, Specific Gravity of.....	34	Temperature zones in Norwegian waters.....	28
Scientific inquiries in relation to the sea fisheries.....	44	"    " in the Gulf of St. Lawrence.....	28
Table of the Appearances of the Herring and Mack- erel at the Magdalen Islands.....	12	"    " in the Arctic Sea .....	29
" of Marine Isothermals.....	16	" at which Cod and Mackerel spawn in Ameri- can seas.....	27
" of the Appearance of Mackerel, Shad and Ale- wives at different points.....	18	" of waters in which bergs float.....	31
" of the temperature of the sea on the coasts of Scotland.....	25	" of a sheet of salt water ico.....	32
" of the temperature of the sea on the coast of Norway.....	26	" How it affects the Herring.....	36, 40
" of the temperature of the sea on the Grand Banks of Newfoundland .....	27	" How it affects the Cod .....	37
" of mean temperature at Rama.....	38	" How it affects the Mackerel.....	41
"    "    " Hopedale.....	39	" Extraordinary cold of April, 1874.....	37
"    "    " Fogo.....	39	Tide, Prince Edward Island, Double.....	1
"    "    " St. John.....	39	" Eddy Flood, in Estuary of St. Lawrence.....	3
"    "    " on coasts of the Gulf of St. Lawrence.....	40	Tides, influence of on Fish food.....	1
"    "    " at Bay St. George .....	41	" of different ages.....	2
Temperature of the sixty fathom area in the Gulf of St. Lawrence.....	14	" meet.....	2
" Effect of, on the local movements of Mackerel.....	18	" Effect of, in concentrating fish food.....	3, 8
" of the sea on the coasts of Scotland.....	25	" on Cape Breton coast.....	4
"    " on the coasts of Norway.....	26	Tidal currents, Effect of on Temperature of the sea...	43
"    " in the Baltic Sea.....	27	Torpidity of Mackerel.....	10
"    " on the Grand Banks.....	27	" of Tautog.....	11
"    " near the Straits of Belle Isle..	27	" of Scup.....	11
" of coastal waters in Massachusetts Bay..	42	" of Sturgeon.....	11
" of the surface of the sea in the Gulf of St. Lawrence.. .....	43	" of Salmon Trout.....	12
Temperature Strata, Cause of the existence of, in the ocean .....	24	Scoresby, Dr., His Temperature zones .....	29
		Shaw, Dr., His notice of the habits of the Mackerel ...	10
		Storer, Dr., His description of Britt.....	5
		Sturgeon, of the Caspian Sea .....	11
		" of Rainy River .....	11
		Verrill, Prof., List of Marine Animals found in the Stomachs of Mackerel .....	8
		Whitcher, Mr., His paper on the supposed migration of the Mackerel .....	19
		Zones of life in the ocean.....	35