

- ii, 11  
Admirals,"  
Sir John Ericson, 154; his circumnavigation, 315; experiments, iv, 197  
232  
v, 81  
alath, ii, 31;  
action with  
sponge fishing  
23  
at, i, 52, 53;  
ivors of the  
llenger, i, 31;  
3; Australian, 119; South American,  
0, 30  
y, ii, 79—97  
186  
Sieges," i, 50  
the Discovery, iii, 92  
ii, 175—178;  
Rock Light-  
7, 189  
ii, 190—200;  
ern," "After  
293, 296, 297,  
in the lifeboat,  
i, 97; M. de  
origin and com-  
re view, 109  
10; 61, 62  
290—297
- Swedish Arctic expeditions, iii, 257  
Swedish ships: sanitary arrangements, ii, 120  
Sword-fish, and mode of fishing for it, iv, 177, 178  
Sydney, South Australia, i, 154; its natural productions, *ib.*,  
the Domain; the botanic garden, 155; iv, 52  
Symington, William; steam navigation, ii, 82; his experiments, 83, 84, 92; portrait, 85  
Symons, Captain, lost in the "Amazon," ii, 278, 282  
Table Bay, Cape of Good Hope, i, 207  
Tallack, W.: "Malta under the Phoenicians. Knights, and English," i, 98  
Tandou, Moquin, on sea-monsters, i, 31  
Tasman: his discovery of Tasmania, i, 151; discovery of New Zealand, iv, 51; the Maoris, *ib.*  
Taylor, James: steam navigation, ii, 81, 82  
Tchuktschi Indians: iii, 158; building a hut, 157; Professor Nordenskjöld at the Tchuktschi village, 275  
Tea in Chili, i, 175; Japanese, i, 133; iv, 43  
Tea-tux in America, ii, 67—69, 72; thrown overboard, 69, 72  
"Tegethoff": Austro-Hungarian Arctic expedition, iii, 271; two years on an ice-floe, *ib.*; the ship abandoned, 274  
Telegraphy: submarine cables, iv, 98  
Telescope, equatorial, at the Observatory, Greenwich, iv, 218  
Téhénaire, i, 5, 10, 11; her engines, i, 225  
Temperature: of the depths of the sea, i, 30; of the Atlantic Ocean, 37; extreme cold in the Arctic regions, iii, 103, 105, 111, 135, 136, 171, 223, 230, 237, 276  
Tenney, Matthew: his heroism on board the *Cumberland*, i, 22  
Teredo, iv, 128  
Ternati, Drake, i, 312, 313  
Terror and Erebus among the icebergs, iii, 193, 197  
Terror: voyage of the *Terror* under Captain Back, 196; the ship nipped in the ice, 204; Franklin's last expedition, 207; discovery of relics, 227, 230  
Thames: Great Storm of 1703, ii, 204; poetry of the, iv, 272  
Theatre at Lima, i, 172  
Theatres, Chinese, in San Francisco, i, 101  
Theatricals: on the "Great Britain," iv, 34; "Royal Arctic Theatres" on the *Alexander* and *Discovery*, iii, 103, on other Arctic ships, 170  
"Thémistocle," i, 7  
Thermometers for deep-sea sounding, i, 30, 37, 38  
Thirst, sufferings from, ii, 16  
Thomas, Captain, lost in the "Schiller," ii, 267, 270  
Thomson, J.: "The Straits of Malacca," i, 144  
Thomson, Professor Wyville; cruise of the *Challenger*, i, 29  
Thornc, Robert, his voyage of discovery, iii, 119  
Thorpeness, Suffolk, iv, 247; enterprise of Joseph Chard, *ib.*  
*Thunderer*; her engines, i, 225  
Tides of the Ocean, iv, 92  
Tilbury Fort: Great Storm of 1703; West Indians wrecked, ii, 205  
Time, mode of reckoning it in ships; "watches," "bells," "dog-watches," i, 50  
Time, difference between London and San Francisco, iv, 30  
Timor, Lieut. Bligh at; mutiny of the *Bounty*, i, 242  
Tobacco in Cuba when discovered by Columbus, iii, 290  
Tobago: Crusoe's Island, i, 179  
Top-knot, a minute flat-fish, iv, 206  
Torpedo (fish), iv, 160  
Torpedoes: Fulton's submarine boat, ii, 88; Marquis of Worcester's inventions, 146; Bishop Wilkins's subaqueous vessel, or "ark," 148; Schott, Kniffel, Fulton's torpedoes, *ib.*, 149; Cushing's attack on the "Albemarle," 151; Lay's torpedo, 152; Porter's, Fulton's, Lay torpedo, Spar torpedo, 153; Paraguayan torpedo, 154; Harvey torpedo, 153, 155; Whitehead or "fish" torpedo, 155  
Torres, Luis Vaez de: Torres Strait, iii, 277  
Tortuga, buccaniers at, iii, 5, 6; wild dogs and horses, iii, 7; its discovery; turtles, 315  
Torture: Spaniards tortured by pirates, iii, 38  
Toulon, Siege of, i, 6  
"Trades' Increase," East Indians, ii, 13  
Trufulgar, Battle of, i, 10—13, 227  
Training Ships, i, 44; the *Chichester*, 45, 47; course of instruction and drill, 48, 49; saluting officers, 48; incessant work, 49; iv, 287  
Transportation of convicts to Australia, i, 154  
Treasure ships, i, 311; ii, 19, 55, 56, 59—61; iii, 60, 63  
Trent in the ice, iii, 105, 166, 167  
Trepang fisheries (Holothuria), iv, 127, 128  
Tréveithick, Robt., portrait, ii, 97  
Trinidad, Columbus landing at, i, 177, 178; iii, 295; visit of Amerigo Vespucci, 302; Raleigh at, ii, 4, 33  
Trinidad, Port of Spain, i, 179—182  
Trinity House and the Trinity Corporation, iv, 287—289; duties of the Board, 289; light-vessels and staff of the Corporation, *ib.*; royal and noble Masters and Brethren, *ib.*; fog-horns or Siren signals, *ib.*  
Tripe de roche: rock-lichen as food, iii, 211  
Tristan d'Acunha, i, 38, 201  
Triton, a univalve shell, iv, 144  
Trochus, a univalve shell, iv, 141  
Trollope, Anthony: "The West Indies and the Spanish Main," i, 179, 182, 183; Bermuda, 187, 188; New Zealand, iv, 51; Sydney, 52; Melbourne, 54  
Tromp, Martin, ii, 30  
Troy, Commodore Anson's ship, ii, 46, 50, 55  
Tunny: tunny-fishing, iv, 177  
Turbo, univalve shell, iv, 141  
Turret-ships: "Monitor," "Merrimac," "Miantonomo," 130, 140, 141; interior of a turret-ship, 142; "Brooklyn," "Ohio," Captain, "Inflexible," 141, 145; *Alexandra*, 146, 147  
Turtle at the Island of Ascension, i, 202  
"Tuscarora;" deep-sea soundings, i, 28, 30  
Twain, Mark; his account of the Bermudas, i, 189  
Tyre, Ships of, i, 239  
Unclassed ships, ii, 123  
Union gun-boat, i, 6  
"United Kingdom" steam-ship, ii, 98, 99  
"United States," Dr. Hayes's Arctic expedition, iii, 255  
Univalves, iv, 139  
Unseaworthy ships, ii, 112—119  
Upennavik, Danish settlement at, iii, 254  
Urechins: sea-urchins, iv, 126, 128  
Utah, iv, 23  
Valetta, i, 98  
Valparaiso, i, 172, 173  
Vancouver: his discoveries, iii, 319  
Vancouver Island: Esquimalt; Victoria, i, 163, 165; Exploring Expedition, 167; cedar canoes, *ib.*; "Chinook jargon," *ib.*; Nainaimo, 168  
Vanderbilt, Admiral, anecdotes of, 218  
Vane, Captain Charles, the pirate, iii, 69; betrayed by a former friend, and executed, 70  
Vanguard (Nelson's ship), i, 105; ii, 74  
Vanguard, loss of the, i, 33, 63—66; ii, 143  
Van Tromp, Admiral, ii, 31  
Vasco da Gama: the Cape doubled by him, i, 203; discovery of Natal, 211; his first voyage to India, iii, 298; arrival at Calicut, 299; second expedition, *ib.*; arrival at, and death in, Cochin China, 300; portrait, 301  
Vasco Nuñez, his discoveries in the Pacific, iii, 314  
Vasco Perez de Meira; his siege of Gibraltar, i, 91  
Veddahs, wild men of the woods in Ceylon, i, 119  
"Vega"; Professor Nordenskjöld's Arctic voyage, iii, 274  
Venerable: mutiny of the *Nore*, i, 254  
Venetian ships, i, 262  
Venice, Breckwater at, ii, 188  
"Venus's Flower-basket," i, 30, 32  
Verne, Jules: "Round the World in Eighty Days," iv, 2, 5  
Verne, citadel of the Verne, Portland, ii, 196, 197  
Vernon, Admiral ("Old Grog"), i, 51  
"Vesta" (Russian) and "Assar Tefvik" (Turkish) ships: action between them, i, 27  
Victoria (Hong Kong), described by Baron Hübner, iv, 43  
Victoria, Vancouver Island, i, 163, 165  
Victoria Land discovered by Sir James Ross, iii, 280  
Victory: Sir John Ross's Arctic ship, iii, 186, 225  
Victory: Queen Elizabeth's ship, i, 292  
Victory: Nelson's ship, i, 4—12, 90, 227  
Vikings: their galleys, i, 263; their Arctic voyages, iii, 115  
Viking ship discovered at Gokstad, iv, 230  
Villeneuve, Admiral of the French fleet at Trafalgar, i, 11  
Virgil's "Æneid," references to the sea, iv, 291  
"Virginia," "Merrimac," i, 19  
Virginia discovered by Amadas and Barlow, i, 319; named by Queen Elizabeth, *ib.*; colonisation of, ii, 2