

- Otter trawl, 41, 42, 63  
 Ox bone dredged, 202, 207  
 Oxidizing areas in the ocean, 187-188  
 Oxygen in sea-water, 253-258  
 Oyster "polls," 225, 226, 257-258, 478-480,  
 554, 555  
 shells, 202, 207  
 Oysters, 479-514, 555, 556
- Pacific Ocean, area of, 136, 137, 138  
 continental shelf and slope in, 136  
 deepest sounding in, 17, 131  
 deeps of, 139-143  
 depths of, 131, 132, 136-138, 140-143  
 number of soundings in, 131  
 shore-slopes of, 137  
 Palagonite in deep-sea deposits, 153, 188-  
 189  
 Pandalids, 585  
 Pasiphaidæ, 585  
 Patellids, 467  
 "Patrick Stewart," The, 20  
 Peake Deep, 196  
 Pediculati, 411, 609, 614  
 Pelagic animals, 561-659  
 Arctic communities, 637-641  
 Atlantic communities, 617-636  
 boreal communities, 637, 644-656  
 northern communities, 636-659  
 appliances, 34, 45  
 deposits, 161, 162-163, 167, 171, 426,  
 430, 716  
 Pencidæ, 585, 586  
 "Penguin," The, 19, 141  
 Pennatulids, 109, 482, 503, 517, 538, 547  
 Percesoces, 389, 397, 607, 613  
 Perciformes, 401-405, 614  
 Percussion, bulbs of (*see* "Chatter-marks")  
 Peridinae, 65, 322-330, 346, 347, 348, 354,  
 355, 356, 358, 363, 365, 381, 382, 580,  
 674, 699, 719  
 neritic, 344  
 suspension organs of, 323  
 Periwinkles, 462, 477, 556  
 Permanence of oceanic and continental areas,  
 10  
 Petersen's pelagic young-fish trawl, 36  
 bottom-collector, 785  
 Petromyzontes, 611  
 Petromyzontidæ, 611  
 Pettersson's insulating water-bottle, 232  
 Pettersson-Nansen water-bottle, 40, 215,  
 219, 220, 232, 233  
 Phillipsite, 159-160, 166, 190  
 Philonexidæ, 597  
 Phosphates (*see* Calcium phosphate)  
 Phosphatic concretions, 159, 162, 189, 192,  
 193  
 Phosphorescence, 68, 86, 88, 94, 329, 673,  
 674, 675, 680  
 Phosphoric acid, 368
- Photometer, Helland-Hansen's, 93, 94, 249-  
 252  
 Regnard's, 252  
 Photometric observations, 94, 248-252  
 Physical oceanography, 210-306  
 Phytoplankton, 60, 61, 94, 117  
 Pigmentation (*see* Colours of marine animals)  
 Pilchards, 448, 601, 771, 782  
 Pilot-fishes, 91, 609, 633, 670, 698  
 Pipe-fishes, 606  
 Pisces (*see* Fishes)  
 Plagiostomi, 388, 390-393  
 Plaice, 440, 441, 442, 443, 451, 453, 454,  
 712, 713, 759, 763, 785  
 eggs, 783  
 Planarians, 471  
 Planet Deep, 143  
 "Planet," The, 18, 141, 143  
 Plankton, 13, 37, 45, 65, 107, 108, 309-  
 311, 338-340, 357, 358-366, 370-383,  
 562-563, 772-776, 779, 782, 783  
 algæ, neritic species of, 340-346  
 oceanic species of, 346-349  
 "Plankton" Expedition, 15, 309, 315, 333,  
 337, 564, 598, 652, 773, 777  
 Plant life, 60, 94, 254-256, 305-386, 727-728  
 remains in marine deposits, 145  
 Plateaus, fauna of continental, 491-516  
 Platyhelminthes, 577  
 Plectognathi, 411, 611, 615  
 Pleuronectidæ, 390, 407-408, 646  
 "Podbielski," The, 299  
 Podoceridæ, 468  
 "Pola," The, 15  
 Polar currents, 110, 117, 118, 124, 244,  
 245, 276, 300, 458, 531, 533, 534  
 Pollack, 441, 442, 443, 451, 452, 731  
 "Polls" (*see* Oyster "polls")  
 Polypodidæ, 597  
 "Pommerania," The, 495  
 Pools (*see* Oyster "polls")  
 "Porcupine," The, 11, 12, 546  
 "Portuguese man-of-war," 68, 89, 92, 574  
 Potassium, 189-190  
 Potential temperature (*see* Temperature)  
 "Pourquoi Pas?" The, 18  
 Pourtales Bank, 178  
 Prawn larvæ, 622, 623  
 Prawns, 420, 469, 482, 486, 517, 530, 531,  
 534, 558, 583, 584, 585, 586, 587, 618,  
 622, 624, 633, 641, 663, 664, 665, 671,  
 699, 720, 775  
 red, 81, 86, 94, 101, 102, 104, 118  
 Pressure in the sea, 24, 219, 224, 245-247  
 "Princesse Alice," The, 14, 387  
 Pristipomatidæ, 390, 403  
 Propagation of marine animals, 729-755  
 Protozoa, 563  
 Pteropoda, 72, 87, 107, 118, 163, 164, 167,  
 172, 201, 419, 578, 587-590, 625, 631,  
 640, 642, 645, 658, 669, 702, 718, 720