

- Pumice, decomposition of, 295.
 „ distribution of, 295.
 „ felspathic, 347.
 „ liparitic, 295-296, 349, 350.
 „ recognition of minute particles of, 25, 297.
 „ vesicular, 335.
 Putrefaction, 256, 264, 277.
 Puy-de-Dôme, 406.
 Pyrites, 22, 326, 381, 388.
 Pyrolusite, 367, 369.
 Pyrope, 21.
 Pyroxene, 22, 217, 243, 312, 338.
 „ monoclinic, 319, 326, 332.
 „ rhombic, 296, 313, 319, 326, 332.
 Pyroxenic minerals, 374.
- Qualitative analyses of manganese nodules, 418-419, 468-469.
 Quantitative analyses of manganese nodules, 419-423, 469-470.
 Quartz, 22-23, 25, 32, 217, 226, 231, 238, 241, 296, 313, 316, 317, 318, 319, 320, 322, 324, 325, 326, 365, 381, 384, 389, 393, 396, 407.
 „ vein, 23, 326.
 Quartziferous diorite, 163.
 Quartzite, xxviii, 152, 163, 231, 322, 323.
 „ metamorphic, 322.
 Quaternary period, 322.
 Quebec group of rocks, 384.
 Quistenthal, Devonian dolomitic clay of, 199.
- Radiolaria, xxi, xxiii, xxvi, 18, 23, 37-147, 258, 263, 281, 283-284, 289, 355, 357, 391.
 „ composition of skeletons of, 205.
 „ in Radiolarian Ooze, 205.
 „ solution in sea-water of, 205.
 Radiolarian Ooze, xxix, 31, 186, 189, 203-208
 „ „ analyses of, 206-208, 435-436
 „ „ area of, 208, 248.
 „ „ average composition of, 206.
 „ „ average depth of, 206, 248.
 „ „ carbonate of lime in, 206.
 „ „ distribution of, 208.
 „ „ fine washings in, 206.
 „ „ mineral particles in, 206.
 „ „ Radiolaria in, 205.
 „ „ rate of deposition of, 412.
 „ „ siliceous organisms in, 206
- Raine Island, 379.
 „ „ deposits between New Hebrides and, 90-93, 168-169.
 „ „ „ off, 92-93, 169-170.
 „ „ „ “Rambler,” the, 30.
 Rammelsberg, C. F., 457.
 Rare elements in manganese nodules, 417-423.
 Rate of deposition in relation to secondary chemical products, 411-412.
 „ „ „ of Blue Mud, 411.
 „ „ „ „ Coral Mud, 411.
 „ „ „ „ Coral Sand, 411.
 „ „ „ „ Diatom Ooze, 412.
 „ „ „ „ glauconitic deposits, 411.
 „ „ „ „ Globigerina Ooze, 411, 412.
 „ „ „ „ Green Mud, 411.
 „ „ „ „ Green Sand, 411.
 „ „ „ „ pelagic deposits, 411, 412.
 „ „ „ „ Pteropod Ooze, 411, 412.
 „ „ „ „ Radiolarian Ooze, 412.
 „ „ „ „ Red Clay, 412.
 „ „ „ „ terrigenous deposits, 411.
 „ „ „ „ Volcanic Mud, 411.
 „ „ „ „ Volcanic Sand, 411.
 Rate of fall of organisms in sea-water, 278.
 Ratray, John, 282.
 Recent age of deposits, 315.
 „ „ marine formations in general, 184-188.
 „ „ volcanic minerals in general, 318-320.
 „ „ „ products, 292-320.
 Recognition of minute particles of pumice, 25, 297.
 Red Clay, xxix, 31, 186, 189, 190-203.
 „ „ analyses of, 197-202, 425-435.
 „ „ area of, 202-203, 248.
 „ „ average composition of, 197.
 „ „ average depth of, 190, 248.
 „ „ carbonate of lime in, 193.
 „ „ distribution of, 202-203.
 „ „ fine washings in, 196-197.
 „ „ mineral particles in, 195-196.
 „ „ rate of deposition of, 412.
 „ „ siliceous organisms in, 193.
 Red Mud, 186, 234-236.
 „ „ analyses of, 235, 236, 444-445.
 „ „ area of, 236, 248.
 „ „ average composition of, 235.
 „ „ average depth of, 234, 248.
 „ „ carbonate of lime in, 234.
 „ „ distribution of, 236.
 „ „ fine washings in, 235.