

- Potomac group, 816  
 Potosi, 26  
 Potsdam period, Potsdam Sandstone, 463, 464  
 Potter's clay, 81§  
 Pottsville coal-beds, 650, 656  
 — conglomerate, 647  
 Powder River, 266  
 Pozzuolana, 80§  
 Praeareturus, 623, 624  
 Prasopora lycoperdon, 505\*, 514  
 Prawn, 438  
 Precession of the equinoxes, 253  
 Prehnite, 68  
 Preston beds, 817, 836  
 Prestwichia, 701, 720; anthrax, 703; Dame, 977\*, 691; longispina, 691; rotundata, 701\*, 703  
 Priacodon ferox, 767\*  
 Priconodon crassus, 836\*  
 Primal of Rogers, 490, 728  
 — Sandstone, 463  
 Primary, 408§, 880  
 Primates. See *Quadrumania*  
 Primitia, 481, 516  
 Primitive system, 408§  
 Primitivgebirge, 440  
 Primordial, 462, 464, 482  
 Prince Edward Island, 357, 741; Permian in, 660; Triassic, 753, 755  
 Prince Patrick Island, 749, 760, 792  
 Prince William Sound, 240  
 Prioniodon acicularis, 621; angulatus, 621; armatus, 621; erraticus, 621; spicatus, 621  
 Prionocyclus, 855; Woolgar, 855  
 Prionotropis, 855  
 Pristis bisulcatus, 925  
 Proboscideans, 919  
 Procamelus, 911, 919  
 Prodryas Persephone, 900\*  
 Productella, 611, 612; hirsuta, 621; laeymosa, 613\*, 621; navicella, 590; pyxidata, 602; speciosa, 620; subaculeata, 585\*; subulata, 593\*, 601, 602; truncata, 602  
 Productus, 309, 427\*, 591, 592, 642, 674, 700, 705, 707; aculeatus, 427\*; Canerini, 704; cora, 690; costatus, 606, 704; dissimilis, 602; Flemingi, 646; horridus, 704, 707; laeymosus, 592; latissimus, 704; Leplayi, 704; longispinus, 700\*, 704, 711; mesolobus, 606; muricatus, 690; Nebrascensis, 675\*, 690; Norwoodi, 685; parvus, 647; prelongus, 626; punctatus, 642\*, 690, 704; Rogersi, 685; scabriculum, 703, 704; scitulus, 646; semireticulatus, 427\*, 685, 690, 711; Shumardianus, 602; speciosus, 592; subaculeatus, 626, 627, 628  
 Proetus, 513, 515, 521, 552, 562, 568, 579, 586, 591, 643, 720; auriculatus, 614; crassimarginatus, 587\*, 591, 599; doris, 614; Glirvanensis, 520; latifrons, 565\*, 567; minutus, 614; parvisculus, 516; praecursor, 614; Stokesi, 551, 567, 569  
 Proganochelys Quenstedtii, 778  
 Progonoblattina, 691  
 Progress in earth's development, 397  
 Prolicene, 880§  
 Prolecanites Lyoni, 643\*  
 Promontory Range, 365  
 Promylacris, 691  
 Propylite, 87§, 304  
 Prorhynchus, 621; nasutum, 621  
 Proscorpius Osborni, 557\*  
 Prosoponiscus problematicus, 707  
 Prospect Ridges, 495, 733  
 Prosqualodon, 927  
 Prosthenie, 717§, 796, 870  
 Protæiphyllum, 831  
 Protannularia Harknessi, 519\*  
 Protapirus, 910, 918  
 Protaster, 516, 562; Forbesii, 562; hlrudo, 567; Sedgwickii, 567  
 Protaxis, 24§. See also *Acadian protaxis*; *Appalachian*; *Archean*; *Rocky Mountain*; also *Gold Range*  
 Proteaceæ, 921, 922  
 Protean group, 542, 638  
 Proterosaur Speneri, 706\*  
 Protiehnites septemnotatus, 478\*  
 Protoadapis, 925  
 Protobalanus Hamiltonensis, 600\*  
 Protocardium Hillanum, 836  
 Protocaris, 486  
 Protocaris, 720; Marshi, 474\*  
 Protoceras, 911, 918  
 Protoceras beds, 886, 894, 911, 918  
 Protoclinex Siluricus, 520  
 Protococcus, 235, 436; nivalis, 241, 436§  
 Protogine, 83§  
 Protogonia, 917  
 Protogonodon, 917  
 Protohippus, 911, 912, 913\*, 919  
 Protolabis, 911, 919  
 Protolimulus Eriensis, 615\*, 617  
 Protolycosa anthracophila, 703  
 Protophasmids, 677, 679, 691, 701  
 Protophytes, 407; Corniferous, 583\*; Cretaceous, 859; Tertiary, 895  
 Protopterus, 60  
 Protoreodon, 907, 918  
 Protorthis Billingsi, 475\*  
 Protosalvinia, 718; Huronensis, 584  
 Protospongia, 482, 497; coronata, 498\*; cyathiformis, 498\*; fenestrata, 474\*, 481; mononema, 498\*, 500; Quebecensis, 498\*; tetranema, 498\*  
 Protostega gigas, 849  
 Prototarites Logani, 591  
 Prototherium, 795, 927  
 Prototype characters, 928  
 Protozoans, 140, 141, 407, 409\*, 418, 419, 431, 492\*; *Archean*, 455; *Lower Cambrian*, 470  
 Protozole, 407§  
 Provence, Cretaceous in, 866  
 Proviverra, 918, 925  
 Provo, 360\*, 361  
 Psammodonts, 643§, 647  
 Psammodus, 589, 643  
 Psaronius, 704; Erianus, 595  
 Psendælurus, 919  
 Pseudodiadema, 779, 884; diatretum, 854; hemisphaericum, 790; Moorei, 790; seriale, 778\*, 779; Texanum, 836  
 Pseudoliva, 916; scalina, 915; tuberculifera, 915; uniearinata, 915  
 Pseudomonotis, 690; Hawni, 685\*; Ochotica, 758; speluncaria, 707  
 Pseudopecopteris, 699; anceps, 645, 689; decipiens, 689; irregularis, 689; latifolia, 689; muricata, 689; nervosa, 689; nummularia, 689  
 Psilomelane, 71§  
 Psilophyton, 583, 590; cornutum, 560; princeps, 589\*, 622  
 Psittacotherium, 904, 917  
 Pteranodon, 863; ingens, 852; longiceps, 849\*, 852  
 Pteranodonts, 851  
 Pteraspids, 417, 557, 725  
 Pteraspis, 564, 625; Banksii, 566\*, 567; Ludensis, 567; truncata, 567  
 Pterichthys, 566, 617, 625, 627; Canadensis, 611; cornutus, 624\*; major, 627; Milleri, 624\*  
 Pterinea, 621, 877 (end); Chemungensis, 613\*, 621; flabella, 598\*, 602; hians, 567; retroflexa, 567, 568; Sowerbyi, 567; sublaevis, 567; Trentonensis, 507\*  
 Pteris aquilina, 74; erosa, 839  
 Pterocera bicarinata, 865; oceanif, 791; ponti, 791  
 Pteroceran beds, 791  
 Pterodactyls, 796; Jurassic, 776  
 Pterodactylus, 788, 790; crassirostris, 786\*, 788; montanus, 767  
 Pterodon, 918  
 Pterophyllum, 698; Jaegeri, 770\*, 774; Riegeri, 749\*  
 Pteropods, 59, 72, 141, 144, 423§, 424§, 425\*; Cambrian, 469, 472\*, 475\*, 478\*, 480, 483  
 Pteropsis Conradi, 897\*; lapidosa, 916  
 Pteropus, 53  
 Pterosaurs, 796, 877; Jurassic, 760, 767, 787\*, 788; Cretaceous, 844, 851, 852, 868, 870, 871, 876 (end of tribe)  
 Pterotheca, 563, 506; attenuata, 514  
 Pterygotus, 557, 565, 722, 724; acuticaudatus, 557; Anglicus, 623\*; bilobus, 564\*, 567  
 Ptilodictya, 514, 521, 550; scalpellum, 567  
 Ptilodus, 917  
 Ptilophyton plumula, 645 (last of the genus)  
 Ptychaspis speciosa, 501  
 Ptychites, 686; gibbosus, 774  
 Ptychoceras, 855; Texanum, 855  
 Ptychodus mammillaris, 855; Mortoni, 843\*  
 Ptychoparia, 500, 516; Adamsi, 473\*; Calcifera, 501; formosa, 476\*; Harti, 501; Kingi, 476\*; Matthewi, 476\*; minuta, 479\*  
 Ptychopteris, 621, 638; falcata, 621; Sao, 621  
 Ptyonius serrula, 682, 683\*