

Ptychoparia—Continued.

- laticeps, 32.
 Linnarssoni, 32.
 †Linnarssoni, 205.
 (Lonchocephalus) calcifera, 225.
 minor, 34, 35.
 minuta, 21.
 miser, 29, 47, 199.
 miser, Explanation of figures of, on plate xxvii, 330.
 occidentalis, 32.
 Oweni, 32, 33.
 Oweni (of Hall), 21.
 pernasuta, 32.
 Piochensis, 34, 47, 56, 95, 201, 216.
 Piochensis, Explanation of figures of, on plate xxvi, 326; on plate xxviii, 334.
 Prospectensis, 32, 205.
 †Prospectensis, 47, 202.
 †Prospectensis, Explanation of figures of, on plate xxvii, 330.
 quadrans, 39, 47, 199.
 quadrans, Explanation of figures of, on plate xxix, 338.
 (Agraulos) Saratogensis, 21.
 (Agraulos) strenuus, 26, 47.
 senectus, 214.
 similis, 32.
 simulata, 33.
 subcoronata, 47, 205, 206.
 subcoronata, Explanation of figure of, on plate xxviii, 334.
 Teucer, 18, 26, 197, 199.
 Teucer, Explanation of figure of, on plate xxvi, 326.
 trilineata, 26, 27, 48, 203.
 trilineata, Explanation of figures of, on plate xxvii, 330.
 unisulcata, 32, 33.
 Vulcanus, 15, 26, 48, 1
 Vulcanus, Explanation of figures of, on plate xxvi, 326.
 Wisconsinensis, 21.
 Pugiunculus, 131.

R.

- Rensselaer County, Sections in, described by Emmons, 70.
 Rhynchonellidæ, 53.
 Rhysospongia, 79.

S.

- St. John fauna, 49.
 St. John Group, Graptolites in, 51.
 Hyolithes from, have distinct septa, 138.
 St. Lawrence Valley, 24.
 St. Simon, Conglomerate limestones of, 24.
 List of species from, 26.
 Salterella, 131, 136, 137, 143.
 limited to Middle Cambrian, 62.
 sp., 29.
 Species of, in Cambrian, 60.
 obtusa, 134, 144.
 pulchella, 26, 29, 47, 134, 144, 145.
 pulchella, Explanation of figures of, on plate xii, 270; on plate xiii, 274.
 pulchella (?), 15, 18, 19.
 rugosa, 29, 47, 144, 145.

Salterella—Continued.

- rugosa, Explanation of figure of, on plate xiii, 274.
 Salterellidæ, 131.
 Saratoga Potsdam fauna, compared with the Wisconsin Potsdam sandstone fauna, 21.
 Saratoga Springs, Section west of, 22.
 Sardinia, 57.
 Cambrian district of Canalgrande in, 80.
 Scenella, 125.
 limited to Middle Cambrian, 62.
 Species of, in Cambrian, 60.
 conula, 32, 46, 125.
 conula, Explanation of figures of, on plate viii, 254.
 †conula, 127.
 reticulata, 29, 46, 49, 125, 126, 137.
 reticulata, Explanation of figures of, on plate xii, 270.
 retusa, 26, 27, 46, 125, 126.
 retusa, Explanation of figures of, on plate xii, 270.
 varians, 18, 125.
 †varians, 46, 127.
 †varians, Explanation of figures of, on plate xii, 270.
 Schizambon, genus, 52, 107.
 Schodack Landing, Section south of, by S. W. Ford, 27, 28.
 Species from, 27.
 Scolithus, in Upper, but not in Middle or Lower, Cambrian, 62.
 Species of, in Cambrian, 59.
 Scyphia, 79.
 Second fauna, 63.
 Secret Cañon shale, 30.
 Section, at L'Anse au Loup, 29.
 at Trois Pistoles, described by Sir William Logan, 26.
 at Troy, by S. W. Ford, 27.
 Big Cottonwood Cañon, 41.
 Cambrian, Eureka mining district, Central Nevada, 30.
 Cambrian, White's Peak, Nevada, 41.
 east of Highgate Springs, Vermont, 18.
 east of Swanton, Vermont, 18.
 Eureka Cambrian, 35.
 Georgia, 19, 24, 43.
 Georgia, at Parker's quarry &c., 15-17.
 Georgia, figure of, 16.
 Grand Cañon, fossils of, 41.
 Great Cambrian, of Cottonwood Cañon, 33.
 Higher strata of Highland Range, 36.
 Highgate, 19, 24.
 Highgate, of Hitchcock, 20.
 Highland Range, south of Eureka, 33.
 illustrating the Taconic system, 67.
 Kinderhook Creek, above Stockport, N. Y., 28.
 Oquirrh Range, 39.
 south of Schodack Landing, by S. W. Ford, 27, 28.
 Swanton, 24.
 taken east of Swanton by Sir William Logan, 19.
 Wasatch or Big Cottonwood, 38.
 west of Saratoga Springs, 22.