

Aspidella slate, from the occurrence in it of an obscure fossil organism peculiar to these rocks in Newfoundland. It has been named *Aspidella Terranova*. There is also another obscure form *Arenicolites*, which appears to be almost identical with *Arenicolites Spiralis*, a fossil occurring in Sweden in a formation lower than M. Barrande's Primordial.

(e) Greenish and greyish, very hard quartzose sandstones or whinrock, in massive beds.

(f) Dark red fine grained sandstone, nearly as hard as preceding, passing into a fine conglomerate towards the top.

(g) Heavy beds of coarse, reddish, conglomerate or pudding stone.

This formation has been hitherto designated Huronian, from its striking lithological resemblance to a similar series of strata, in about the same horizon, known by that name in Canada. It forms the greater portion of the Peninsula of Avalon, also the two long projections between Trinity and Bonavista, and Placentia and Fortune Bays, while much of the country stretching inland from the heads of these great indentations is underlaid by the same series. In Conception, Placentia, St. Mary's, Trinity and Fortune Bays extensive patches of a more recent and unconformable formation fringe the shores on either side, resting upon both the Laurentian nucleus and the various members of the preceding Huronian. The three islands in the first-named bay, also Random Island in Trinity Bay, and the Island of Langley, off the entrance to Fortune Bay, are occupied by this same formation. Some of its strata, more particularly the slaty and calcareous beds, are crowded with fossil organisms. Red sandstones, conglomerates and quart-