

to Salter,—Appendix to Ransay's Geology of North Wales. Paper Trans. 1873, Nova Scotian Geology Retrospect, page 485, 1878; Louisburg Past and Present, page 207, 1885. II. A Collection from Wentworth, I. C. R., was next examined. In this Trilobites *Calymene senaria*, *Dalmanites*. Sp. Graptolites: *Climacograpsus*. Hall, *Lingula*, *Pholidops Cincinnatiensis*, Hall, and other *Pholidops*, *Leptæna transversalis*, *L sericea*, *Grammysia*, Sp. *Cyclonema crebristriata* were identified. A supposed *Atrypa reticularis* was discarded. Professor Hall agreed with me in referring these to the Cincinnati or Hudson River and Utica group. *Vide* Trans., 1873. Paper, Nova Scotian Geology, Intercolonial Railway, page 854. Nova Scotian Geology Retrospect, 1878, page 473. "I have assigned the lower part of these to Bala, of England, or Cincinnati, of United States, also pages 478, 481. Attention was also given to my 'Arisaig collection.'" I have divided the Arisaig fossiliferous into members and have designated them alphabetically thus: A, B, (Doctors Brook and Arisaig Harbour). B', C, (Arisaig Brook and Knoydart). D, E, (Moydart). Our collection is designated accordingly—A, B, C, E, E, F. Mr. Salter suggested this. Prof. Hall's attention had been directed to a collection made by Dr. Dawson (Sir J. W.), from B' and D. He identified named and figured certain fossils. B' was accordingly named Clinton, and D, Lower Helderberg. Salter's attention was directed to a large collection of fossils from A, B, C, D, E, at London Exhibition of 1862. He designated A, Mayhill sandstone; B, Ludlow; C, Aymestry Limestone; D, E, (upper and lower part) Ludlow Tilestone, identified and named some of the fossils. Mr. Bailly and Sir C. Wyville Thomson examined an addition to the collection at Dublin exhibition, 1865. J. Barrande and E. de Verneuil examined another addition at L Exposition Universelle de Paris, in 1867. Medals were awarded to me for my collections at all these exhibitions. I have referred to this collection and examination in several papers read to Geological Society of London, and Nova Scotian Institute of Natural Science. So much for the past. Our last examination, commenced with D and E. We propose to invert the order, and give first our