

confirmed by the finding of the fauna *accompanying* Olenellus, though not that genus itself, in company with the highest sub-zone of Paradoxides at Hastings Cove near St. John, in 1896."

The following fossil organic remains are described and recorded by Dr. Matthew in the text.*

LIST OF NEWFOUNDLAND FOSSILS DESCRIBED AND NOTED.

SPECIES.	LOCALITY.	HORIZON.
Obolella Atlantica, Walcott.	Foster's (Smith's) Pt. Smith Sound, Nfld.	Lower part of the Protolenus Zone.
Raphistoma (?) Kelliensis, Matthew.	Kelly's I., Conception Bay, Nfld.	Upper Cambrian, (Howley & Walcott)
Arenicolites antiquatus, Billings.	Great Bell I., Conception Bay, Nfld.	do
Arenicolites brevis, Matthew	do	do
Ctenichnites ingens (?) Matthew.	do	do
Hyalolithes Hathewayi, Matthew.		
Microdiscus bellimucronatus Shaler & Foerste, mut. insularis, n. mut.	Manuel's Brook.	Protolenus Zone.
Agraulos (Strenuella) strenua, Billings, mut. robusta n. mut.	Red limestones of Brigus; calcareous shales of Manuel's Brook.	do
Strenuella (?) Attleborensis, Shaler & Foerste.	Manuel's, Conception Bay, Nfld.	do
Mut. vigilans, n. mut.	Manuel's, Conception Bay.	do
Micmacca Walcott, Matthew	" shale No. 3, Conception Bay.	Above basal conglomerate, Protolenus Zone.
" Angimargo, Matthew.	do	do
Avalonia plana, Matthew.	do	do
Protolenus Howleyi, Walcott sp. (?) non P. Harveyi	Foster's Point, Smith's Sound.	Lower part of Protolenus Zone.
Metadoxides magnificus, Matthew.	Manuel's Station, Conception Bay, Nfld.	do
Atops trilineatus, Emmons.	Manuel's Brook (??)	Subzone of Paradoxides bed (?)
Erinnys breviceps, Angelin.	Manuel's Brook.	" Paradoxides Davidis sub-fauna.

* Italicized names being those new to science and just published (*loc. cit. supra.*)

III.. The Etcheminian Fauna of Smith Sound, Newfoundland. By Dr. G. F. Matthew.

The fossils described under this head "are from the Upper Limestone of the Etcheminian series at Smith, Sound an inlet of