

	Genera.	Species.
Spongiae .....	2 (?)	4
Alcyonaria .....	2	2
Zoantharia Rugosa .....	11	18
Zoantharia Tabulata .....	7	16
Hydroida .....	3	4
Crinoidea .....	9	11
Blastoidea .....	6	6
Asteroidea .....	1	1
Vermes .....	7	14
Polyzoa .....	22	40
Brachiopoda .....	35	61
Pelecypoda .....	35	61
Gasteropoda .....	6	13
Pteropoda .....	3	3
Cephalopoda .....	4	8
Ostracoda .....	3	4
Phyllopoda .....	1	1
Trilobita .....	3	4
Pisces .....	3 (?)	3 (?)
	<hr/> 141	<hr/> 225

It will thus be seen that from the Hamilton formation of Ontario there are no less than 225 species already reported upon in Canada, showing how varied the life was in those early seas. Comparing these results with those obtained in New York State across lakes Ontario and Erie, it can be readily seen that a great deal has already been done in Canada, also that future years will no doubt reveal a large amount of material as yet unrecorded in Canada. The remarkable similarity in the succession of life-zones in the Hamilton formation of Canada and New York State has been pointed out by Prof. H. S. Williams, now of Yale, and shows that no barrier existed in the Devonian times in the Ontario-New York Basin to prevent free migration of forms to and fro.

An interesting point to ascertain at present in the province of Quebec is to what extent the various life-zones of the Devonian of that province correspond with those of Ontario or of New York State; also the extent and distribution of the various geological formations of the province of Quebec in Devonian times.—H. M. A.