

The strata immediately overlying the *clavigera* zone were well exposed in the trenches at Rockcliffe, especially on Buena Vista Road in front of the residence of Mr. Elfric Drew Ingall of the Geological Survey, who made a large collection of the fossils. A large species of *Loxoceras*, and *Modiolopsis parviuscula* were common in the sandstones, and a few thin beds of limestone associated with them were full of *Leperditia canadensis nana*. A bryozoan, which Dr. Bassler has identified as a *Dekayella* similar to *D. simplex*, Ulrich, was abundant in the sandstone.

Within 20 feet above the *clavigera* zone at Aylmer there are a number of thin layers of limestone almost entirely made up of ostracods, and with the ostracods are found *Helicotoma whiteavsiana*, *Bathyrus angelini*, and a *Cryptodonta*.

The strata above those exposed at the station on the electric railway are well exposed at the Hogs Back:—

	Ft.	In.	Ft.	In.
8. Blue-gray limestone mostly rather heavy-bedded. Some layers very fossiliferous	10	6	10	6
7. Rather pure dark gray limestone with irregular wavy bedding.	5		15	6
6. Heavy-bedded, fine grained light gray to cream-colored sandstone with <i>Vanuxemia</i> and other lamellibranchs.	4	6	20	
5. Dark gray shale, with two or three thin layers of limestone.	1	8	21	8
4. Heavy-bedded sandstone with many replaced bryozoa.	3	9	25	5
3. Shale and thin-bedded black limestone with ostracods.	4	9	30	2
2. Thin-bedded sandstone and shale.	5	9	35	11
1. Heavy-bedded, greenish limestone.	8	6	44	5

No. 1 of this section is believed to be the same as No. 12 of the section at Westboro.

The sandstone, No. 6 of this section, is a very important one, as from it Mr. W. R. Billings obtained the various species of lamellibranchs described by the late Dr. Whiteaves in vol. XXII, No. 6, of THE OTTAWA NATURALIST. This same layer, with the same fossils, was found on the road leading down to the river just beyond the Robillard quarries on Montreal Road, about 3 miles east of Ottawa. The section there is as follows:—

	Ft.	In.	Ft.	In.
12. Massive, impure, dark gray lumpy limestone with <i>Columnaria halli</i> and <i>Ormoceras tenuiflum</i> near the base. Top not seen. Black River.	6		6	