

11. Massive buff limestone, the whole surface covered with <i>Phytopsis tubulosum</i> and <i>Tetradium cellulosum</i> .....	9	15		
10. Concealed. Loose fragments of limestone with surface covered with <i>Beatricea</i> were seen just above the top of No. 9. About.....	6	21		
9. Shaly, buff limestone with <i>Onchometopus simplex</i> and numerous large ostracods. .	3	10	24	10
8. Light buff limestone, thin-bedded at top and heavy-bedded at bottom.....	7	6	32	4
7. Concealed, below quarry.....	5		37	4
6. Rusty yellow dolomite, "cement beds."..	5		42	4
5. Massive blue-black and dark gray limestone.....	10	6	52	10
4. Hard, cream-colored sandstone with <i>Vanuxemia</i> and other lamellibranchs. .	3		55	10
3. Mostly concealed, but with two layers of hard, dark blue limestone exposed....	5	2	61	
2. Thin-bedded shale.....	2		63	
1. Impure, dark blue, heavy-bedded limestone with large ostracods, <i>Cyrtodonta</i> , and <i>Bathyurus angelini</i> .....	2	3	65	3

No. 4 of this section is believed to be the same as No. 6 of the section at the Hogs Back. No. 5 is the same as the cement beds which were formerly quarried at the Ottawa river at Mechanicsville, and at that locality there is a thick layer of dolomitic limestone 3 feet below the base of the cement beds, which yielded the types and a large number of other specimens of the *Bathyurus superbus* described by the writer in the November (1910) number of THE OTTAWA NATURALIST.

The layer with *Beatricea*, which is not well shown in this section, is an important one. It is especially well exposed near the top of the hill north of Aylmer, and it may also be seen about 15 feet below the base of the Black River at Mechanicsville. The section along the river at Mechanicsville is an excellent one for showing the upper and most fossiliferous part of the Lowville. It is as follows:—

Ft. In. Ft. In.

9. 6 feet of shaly and nodular blue-black limestone, resting on 8 feet of heavy-bedded, impure, dark gray limestone. <i>Strophomena incurvata</i> , <i>Maclurites logani</i> , <i>Columnaria halli</i> , <i>Gonioceras anceps</i> , etc. Black River .....	14	14
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