

8. Pure, buff colored limestone full of <i>Tetradium cellulosum</i> and <i>T. columnare</i> . Top of Lowville.	3	17		
7. Pure, buff limestone with numerous molluscan fossils.	2	10	19	10
6. One layer rather coarse grained limestone. Full of fragments of <i>Bathyurus spiniger</i>		10	20	8
5. Thin-bedded blue and buff limestone; numerous specimens of <i>Bathyurus extans</i> in the upper part.	7	6	28	2
4. Blue-black limestone with <i>Tetradium cellulosum</i> and <i>Stromatocentrum</i>	1		29	2
3. Light gray limestone with numerous limestone pebbles and mollusca.		4	29	6
2. Dark gray limestone, the surface covered with <i>Beatricea</i>		10	30	4
1. Dark gray limestone full of large flat limestone pebbles and many fossils. ...	1	9	32	1

THE FAUNA.

At a number of horizons fossils are quite abundant, but as they do not weather out readily they are not easily obtained in identifiable condition.

From the sandstone and shale of the lower part of the sections at Aylmer, Britannia, Deschenes and Rockcliffe, the following species are known:

<i>Hebertella imperator</i> ,	<i>Ctenodonta parvidens</i> ,
<i>Camarotoechia plena</i> ,	<i>Archinacella deformata</i> ,
<i>C. orientalis</i> ,	<i>Raphistoma striatum</i> ,
<i>Lingula lyelli</i> ,	<i>Lophospira billingsi</i> ,
<i>Glossina belli</i> ,	<i>Isotelus arenicola</i> .

At Aylmer, about 86 feet above the base of the section the following species were collected by Mr. T. W. E. Sowter:

<i>Lingula lyelli</i> ,	<i>Ctenodonta parvidens</i> ,
<i>Camarotoechia plena</i> ,	<i>Modiolopsis sowteri</i> .

From the greenish limestone above the shale and sandstone at the Hogs Back and elsewhere we have only:—

<i>Glossina belli</i> ,	<i>Hebertella borealis</i> ,
<i>Camarotoechia plena</i> ,	<i>Isotelus</i> sp. ind.

In the *clavigera* zone or in the limestone and sandstone within 20 feet above it we find:—

<i>Modiolopsis parviuscula</i> ,	<i>Isochilina ottawa</i> ,
<i>Sowteria canadensis</i> ,	<i>Isochilina? clavigera</i> ,
<i>Helicotoma whitearsiana</i> ,	<i>I? clavigera clavifraga</i> ,
<i>Loxoceras</i> sp. ind.,	<i>Primitia logani</i> ,
<i>Bathyurus angelini</i> ,	<i>Leperditia canadensis</i> ,
<i>Leperditella labelliosa</i> ,	<i>L. amygdalina</i> .