

Goldfussiana. The original drawing in 'Acadian Geology' does not show the gradually expanding posterior end, and would give the idea that the original was an *Anthracosia*. I think the specimen from the McGill College Collection labelled *Naiadites elongatus* belongs to this species. This specimen is nearly 1 inch long, and shows the typical shape and contour.

Naiadites angulatus (Dawson) I consider to be { *Carbonicola* }¹,
Anthracosia }

a pretty little form of typical shape. In the original drawing the posterior-superior angle is too much prolonged backward.

Anthracomya ovalis is a somewhat larger, more tumid shell than *Naiadites elongatus*, to which it approaches. I think that the shells in a block of Millstone Grit from Riversdale belong to this form; if so, it is interesting to note the presence of the same form in the Upper Coal Measures of the Joggins.

Anthracomya laevis is very similar to a shell which is obtained, only crushed flat, from the Wigan coal-field; the English specimens are, however, larger.

Prof. Amalitzky has fallen into error as to the value of the term *Naiadites*, and in his work on the Anthracosidæ of the Russian Permian, 1892, has erected *Naiadites* into a genus of the new family Anthracosidæ, reserving the term for a set of shells totally different from the majority of those for which the name was invented. I have shown above that originally the genus included

<i>Naiadites carbonarius.</i>	<i>Anthracomya laevis.</i>
" <i>elongatus.</i>	{ <i>Carbonicola</i> } <i>angulata.</i>
<i>Anthracomya arenacea.</i>	<i>Anthracosia</i> }
" <i>ovalis.</i>	

I shall take an early opportunity of combating other views on this subject contained in Prof. Amalitzky's work.

EXPLANATION OF PLATE XX.

Coal-Measure shells from the South Joggins. The figures are of the natural size, when not otherwise stated.

- Fig. 1. *Naiadites*, sp. Elongate form. (Unfortunately the artist has inverted the figure.)
2. *Naiadites carbonarius* (Dawson).
 3. " " showing interior. Muscle-pits.
 4. *Anthracomya arenacea* (Dawson).
 5. " " probably young.
 6. " " probably young.
 7. *Anthracomya elongata* (Dawson). ×2.
 8. " " " ×2.
 9. " " " ×2.
 10. " " " ×2.

¹ It is highly probable that the term *Anthracosia*, King, must give way to *Carbonicola*, McCoy, on the ground of priority, although the latter's description of the hinge-plate is erroneous.