

ton, Ontario, and *L. Whitfieldi*, Hall, from the Maquoketa (Ordovician) of Iowa, U.S.A.

4. *Orbiculoidea Hartti*, Clarke, a form probably more nearly related to *O. tenuilamellata*, Hall, than to any other species. *Discina Clara*, Spencer, from Hamilton, Ont., is placed here as a synonym of *Orbiculoidea tenuilamellata*, Hall. Schuchert places *Discina Clara*, Spencer, as a syn. under *Schizotreta tenuilamellata*.

5. *Pholidops Trombetana*, Clarke. This form recalls to mind the *Pholidops implicata*, Sowerby.

6. *Orthis (Dalmanella) Freitana*, Clarke, a form resembling *Orthis (Dalmanella) emacerata*, a variation of *Orthis testudinaria*, Dalman.

7. *Chonetes*, sp. cf. *C. Nova-Scotica*, Hall.

8. *Anoplothea (Anabaia) Paraia*, Clarke.

9. *Anabaia Anticostiensis*, Clarke. Of this Dr. Clarke writes :

"By a fortunate incident I have discovered a species from the middle Silurian of Cape East, on the Island of Anticosti, which is very similar to *A. Paraia*. It possesses valves of the same contour lacking the reflection of the margins, which may be accidentally absent, as the specimens are preserved in limestone; the peculiar plication of the brachial valves is quite the same, the opposite valve differing only in the presence of a single median plication in the sinus. These specimens have shown a trace of everted oblique internal spires.

The species is without a name, as far as I can ascertain, unless it be that identified by Mr. Billings as *Leptocælia hemispherica (Atrypa hemispherica, Sowerby)*. That it is not the British species, nor that member of the Clinton fauna of New York, passing under the name of *A. hemispherica (Sowerby) Hall*, I am confident. In order to determine whether it was the form referred to by Mr. Billings, I asked Mr. H. M. Ami, of the Geological Survey of Canada to compare it with the types of the Anticosti species in the collections of the Survey, and this he has kindly done, without finding anything that can be regarded as identical or closely similar. I have given a figure of the Anticosti shell on account of its interesting relations to the Brazilian species, and it may be