

Post-Pliocene Deposits of the St. Lawrence.

little creatures are almost indefinitely variable, there is a remarkable persistency of certain varieties in particular localities. The modern specimens from Gaspé correspond precisely with their ancient progenitors of the Post-Pliocene clays. The size of the fossil specimens is large for the species; the diameter of some individuals being $\frac{1}{8}$ th of an inch.

Localities.—Logan's farm, Montreal; Brick-yards at Tanneries, Montreal; Beauport; also recent in Gaspé Bay.

2. *Nonionina crassula*, Walker.—Among the fossil specimens of the last species, there are many not distinguishable from it in external form, in which I cannot find, either when viewed as opaque or transparent objects, the characteristic septal apertures of *Polystomella*. These specimens are usually smaller, more hyaline, and smoother than those showing the apertures. If distinct, they must belong to the species above named. I found no individuals of this description among my recent specimens from Gaspé.

3. *Polymorphina lactea* (Figs. 2, 3, also paper in Canad. Nat. vol 2). This is perhaps the second species in relative importance, though much less plentiful than *Polystomella umbilicatulæ*. The greater number of the specimens belong to the variety "*typica*" of Williamson (Fig. 2). Others appears to be an exaggerated form of the variety "*oblonga*" (Fig. 3), and many others, especially the smaller examples, are of the variety "*communis*." A similar range of varieties exists in the modern specimens from Gaspé. Size $\frac{1}{32}$ to $\frac{1}{16}$.

Localities.—Logan's farm; Tanneries; recent in Gaspé.



Fig. 2.

Fig. 3.