

may be considered as intimately connected with the present discourse; at the same time, that it is, without a doubt, one of the best ornaments of my work *.

In it there is presented the history of the most recent changes that have taken place in a particular basin, and it descends so far as the Chalk formation, the extent of which over the globe is vastly more considerable than that of the materials of the basin of Paris. The chalk, which has been considered so modern, is thus found to be advanced in antiquity among the ages of the great period preceding the last catastrophe. It forms a sort of limit between the most recent formations, those to which the name of *Tertiary* may be reserved, and the formations which are named *Secondary*, which have been deposited before the Chalk, but after the Primitive and Transition formations.

*Recapitulation of the Observations upon the Succession
of the Tertiary Formations.*

The most superficial strata, those deposits of mud and clayey sand, mixed with rolled pebbles,

* Copies have been printed separately, under the title of *Description Geologique des Environs de Paris*, par MM. G. Cuvier et Al. Brongniart. Second edition. Paris, 1822, 4to.