

PLATE III.

34. *Maclurea Logani* (Salter), with its operculum. A supposed heteropod. Black River and Trenton Formations.
35. *Bellerophon bilobatus* (Sowerby). A heteropod. Trenton Formation to Middle Silurian series.
36. *Orthoceras bilineatum* (Hall). A tetrabranchiate cephalopod. Chazy (?) Trenton, and Hudson River Formations.
37. *Orthoceras proteiforme* (= *Endoceras proteiforme*, Hall). Black River and Trenton Formations. In the figure, a portion of the shell is broken away, shewing a projecting cone of calcareous matter. The latter was secreted in the lower part of the large siphuncle, probably as a counterpoise to the buoyancy of the shell at that extremity.
38. *Asaphus platycephalus* (Stokes)=*Isotelus gigas* of older American Reports. A trilobite; an extinct form of crustacea. Chazy to Hudson River Formations, but especially abundant in Trenton strata.
39. *Ceraurus pleurexanthemus* (Green)=*Cheirurus* of European authors. A trilobite: an extinct form of crustacea.
40. *Trinucleus concentricus* (Eaton). A trilobite. Trenton, Utica and Hudson River Formations.
41. *Graptolithus pristis* (Hisinger).
42. *Graptolithus bicornis* (Hall).
43. *Lingula curta* (Hall). A brachiopod. Utica and Hudson River Formations.
44. *Asaphus Canadensis* (Chapman). A trilobite. Utica Formation.
45. *Triarthrus Beckii* (Eaton). A trilobite. Utica Formation.

Utica and Hudson River Formations.
Extinct types of uncertain classification, but probably Coelenterates allied to Sertularia.