

EXPLANATION OF THE PLATES.

Plate II.

- Fig. 1. *Trimerella Equanensis*. Outline of a brachial valve with part of the test preserved, partially restored and slightly reduced in size. The vertical line to the left shows the actual length.
- Fig. 2. *Trimerella Equanensis*. Outline of a cast of the interior of a large brachial valve, slightly restored and reduced a little in size. The vertical line on the right shows the actual length.

Plate III.

- Fig. 1. *Trimerella Equanensis*. Outline of a nearly perfect pedicle valve, slightly restored and reduced in size. The vertical line on the left shows the actual size.
- Fig. 2. *Trimerella borealis*. Outline of the supposed dorsal side of a cast of the interior of both valves, showing the impress of the brachial valve. Of the natural size and slightly restored.
- Fig. 3. *Trimerella borealis*. Outline of the presumably ventral side of the same specimen, showing the markings on the pedicle valve.

Ottawa, Aug. 22, 1902.