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- Fig. 1 a. LINGULA—Tequamenon bay.
 1 b. Lingula—Escanaba river.
 1 c, d. Similar form—St. Croix river.
 1 e. Another form—St. Croix river.
 1 f, g. Muscular impressions of two different valves.
 2 a, b, c. LINGULA ANTIQUA—St. Croix river.
 3 a, b, c. Cheek and prolonged spines of DIKELLACEPHALUS.
 3 d. A single articulation.
 3 e. Tail.
 4. Head of specimen, from the St. Croix river.

TRENTON LIMESTONE.

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- Fig. 1 a. PHENOPORA MULTIPORA—Fragment, natural size.
 1 b. Portion enlarged.
 2 a. CLATHROPORA FLABELLATA—specimen natural size, nearly entire.
 2 b. Portion enlarged.

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- Fig. 1 a. CHÆTETES LYCOPERDON—Hemispheric form, showing nodose or stellate elevations.
 1 b. Portion of its surface enlarged.
 1 c, d. Fragments of the branching form of this species, showing the nodose character in different degrees.
 2 a, b, c. SCHIZOCRINUS NODOSUS—columns.
 3 a. ECHINOSPHERITES—fragment.
 3 b. Several of the plates, enlarged.
 4 a, b. Genus? ———? (Cystidian?) Two of these rings, natural size, one having the plates about one-third larger than the other.
 4 c. Single plate, enlarged.

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- Fig. 1. MURCHISONIA MAJOR.
 1 a. Nearly entire.
 1 b. Fragment showing longitudinal section.
 1 c. Two lower volutions of a large individual.

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- Fig. 1. ASAPHUS BARRANDI.
 1 a. Glabella, and part of the cheeks of a large individual.
 1 b. Smaller head, showing the anterior border, and the direction of the facial suture.
 1 c. Cheek, showing the long posterior spine, which is broken at the extremity.
 1 d. Tail of a smaller individual.
 2. HARPES ESCANABÆ.
 2 a. Marginal shield of a buckler.
 3. PHACOPS CALLICEPHALUS.
 3 a. Head.
 3 b. Eye enlarged.