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ASAPHUS BARRANDI—A large and nearly entire individual.

HUDSON RIVER GROUP.

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- Fig. 1. CATENIPORA GRACILIS.
 1 a. Fragment, natural size.
 1 b. Portion enlarged.
 2. SARCINULA? OBSOLETA.
 2 a. Longitudinal section of a mass.
 2 b. Transverse section.

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- Fig. 1. MODIOLOPSIS PHOLADIFORMIS.
 1 a. Left valve of a large individual.
 2 b. Right valve of a smaller individual, with its posterior extremity broken off.
 1 c. Fragment, with the ribs more closely arranged.

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- Fig. 1. MODIOLOPSIS PHOLADIFORMIS—Cardinal view of 1 c. on the preceding plate.
 2. MODIOLOPSIS MODIOLARIS.
 2 a. Left valve of a specimen of the ordinary form.
 2 b. Cast of another individual, narrowed towards the anterior extremity.
 2 c. Cardinal view of the same.
 2 d. Left valve of an individual, much shorter than the usual form.

CLINTON GROUP.

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TRACK OF A VERTEBRATE?

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TRACK OF CRUSTACEAN?

NIAGARA GROUP.

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- Fig. 1. HURONIA VERTEBRALIS.
 2. DISCOSORUS CONOIDEUS—Specimen worn, showing interior of the disks, partially filled with crystalline matter.
 3. Another individual, showing the last disks enlarged by crushing.
 4. HURONIA ANNULATA.