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markable inferences of Matthew already referred to, respecting cuttlefishes in the Cambrian period, constitute a case in point. Footprints of Batrachians in the Carboniferous rocks were known before their bones. The strange hand-like tracks in the Trias were known before we knew the *Labyrinthodon* that produced them. We are still ignorant of the animals whose tracks in the old Potsdam sandstones we name *Protichnites*.

REFERENCES :—On *Rusichnites* (a form of *Bilobite*), *Canadian Naturalist*, 1864. On Footprints of *Limulus* compared with *Protichnites*, etc. *Ibid.* On Footprints and Impressions of Aquatic Animals and Imitative Markings, *Amer. Journal of Science*, 1873. On Burrows and Tracks of Invertebrate Animals, *Quarterly Journal of Geological Society*, 1890. On Footprints of Carboniferous Batrachians. “Acadian Geology,” “Air-breathers of the Coal Period,” etc.