

ART. XXXVIII.—*Brief Contributions to Zoology from the Museum of Yale College.* No. XXXVII.—*Description of Mancasellus brachyurus, a new fresh-water Isopod ;* by O. HARGER.

THE genus *Asellopsis** was proposed by the writer for the reception of *Asellus tenax* Smith, on account of the absence of mandibular palpi. A second species of this interesting genus has lately been collected by Mr. Fred. Mather, in Rockbridge

* This Journal, III, vol. vii, p. 601, 1874.

Co., Virginia. Since the name *Asellopsis* proves to have been preoccupied I propose in its place *Mancasellus*,* retaining *M. tenax* as the typical species, while the new species may be called *M. brachyurus*, from the short caudal stylets. This species resembles *M. tenax*, described and figured in the Report of the United States Commissioner of Fish and Fisheries, Part II, Report for 1872-3, p. 659, plate I, fig. 3, differing principally from it in the following points: The lateral margins of the head are entire; the proximal segment of the caudal stylets is short, being but little longer than the third segment of the antennæ; the rami are also short, the inner being much stronger and somewhat longer than the outer; in the males the propodus of the first pair of legs is armed with a prominent acute tooth on the palmar margin near the base, and, in the appendages of the seventh segment, the terminal portion of the outer pair is smaller and less expanded externally than in *M. tenax*, and the distal segment of the internal ramus of the inner pair is but little swollen at the base, and approaches the form seen in *Asellus communis* Say. The largest specimen measures 16^{mm}. in length exclusive of the antennæ and caudal stylets. The locality is worthy of mention as being on the Atlantic side of the Appalachian water-shed while *M. tenax* is yet known only from the Lakes.