

(b) Side Arm Plates (Fig. 1, C): In both instances, the side arm plates are located low on the side of the arm, and are less than half the height of the segment.

(c) Upper Arm Plates (Fig. 1, B): As described for *B. heros*, they are highly arched, broad, overlapping, with outer and inner edges straight and parallel. Both individuals show proximal splitting of arm plates into two irregular plates on at least one arm.

(d) Arm Spines (Fig. 1, B, C): At the arm base, five short, blunt, low arm spines are noted; they are smaller than half the height of the arm segment.

SYNONYMY OF *B. lacertosa* AND *B. heros*

Prior to 1922 there were seven species in the genus *Bathypectinura*. Koehler (1922) synonymised six of the seven species under the name *B. heros*, believing the six former species to be polymorphic, the name *heros* applying for reasons of priority. The seventh species, *B. lacertosa*, was kept distinct on the basis of arm length. According to Lyman's 1883 description of *B. lacertosa*, its characteristics fall within the total range of variation for the synonymised species *B. heros*. Examination of 32 specimens identified as *B. lacertosa* in the Museum of Comparative Zoology (Harvard University) lead to the conclusion that this species should also be incorporated under *B. heros* and the genus *Bathypectinura* made monotypic. One character, the presence of indentations (but no pores) on the first four or five ventral arm plates, cannot be evaluated.

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