

the syzygy in the third brachial of the primary arm, and they may therefore be considered as members of the ten-armed series.

The terminal cirrus-joints of *Antedon variipinna* are more sharply carinate than those of *Antedon anceps* (Pl. XXXV. fig. 3; Pl. XXXVI. fig. 1), and are sometimes spinous, while the interval between the later syzygies of the arms is considerably longer (Pl. XXXV. fig. 2; Pl. XXXVI. fig. 3). Furthermore the joints of the third pinnule have more or less prominent lateral processes, while those of *Antedon anceps* are smooth (Pl. XXXV. fig. 2; Pl. XXXVI. figs. 1, 4).

4. *Antedon carinata*, Lamk., sp. (Pl. III. figs. 1-3; Pl. XXXIV.).

Specific formula— $A. \frac{b}{b}$.

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 1834. *Comatula carinata*, Griffith, Animal Kingdom (Cuvier), vol. xii., Mollusca and Radiata, London, 1834, pl. viii. fig. 2.
 1834. *Comatula carinata*, de Blainville, Manuel d'Actinologie, Paris, 1834, p. 249.
 1843. *Alecto carinata*, Müller, Archiv f. Naturgesch., 1843, Jahrg. ix. Bd. i. p. 135.
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 1882. *Antedon carinata*, P. H. Carpenter, *Ibid.*, p. 746.

Centro-dorsal a thick, roughly circular disk, with the dorsal surface bare, and bearing from twenty to thirty marginal cirri. These have from twenty to thirty stout joints, all wider than long, the basal ones especially so. The penultimate joint sometimes, but rarely, has a small opposing spine.