

III. Third outer pinnule distinctly larger than the second.

a. Over thirty cirrus-joints.

Third pinnule has smooth joints; syzygial interval four to seven joints,

2. *anceps*,¹ n. sp.

Joints of third pinnule with lateral processes; syzygial interval nine to twelve joints,

3. *variipinna*,¹ Carpenter.

b. Twenty to thirty cirrus-joints. The third and next following pinnules tolerably equal in length; arms more or less carinate,

4. *carinata*, Lamk., sp.

c. Not more than twelve cirrus-joints. The third pinnule rather the longest,

5. *parvicirra*, n. sp.

B. Usually no pinnule on the third brachial.

I. Joints of second and third pinnules not specially elongated. Fifteen cirrus-joints,

6. *informis*, n. sp.

II. Second and third pinnules have much elongated joints with enlarged and denticulate ends,

loveni, Bell.1. *Antedon milberti*, Müller, sp. (Pl. XXXV. figs. 4-6).

Specific formula—A. $\frac{b}{b}$.

1846. *Comatula (Alecto) Milberti*, Müller, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, 1846, p. 178.

1846. *Comatula Jacquinoti*, Müller, *Ibid.*, p. 178.

1849. *Comatula (Alecto) Milberti*, Müller, Abhandl. d. k. Akad. d. Wiss. Berlin, 1847 [1849], p. 255.

1849. *Comatula Jacquinoti*, Müller, *Ibid.*, p. 255.

1862. *Comatula Milberti*, Dujardin and Hupé, Hist. Nat. des Zoophytes, Échinodermes, Paris, 1862, p. 202.

1862. *Comatula Jacquinoti*, Dujardin and Hupé, *Ibid.*, p. 202.

1867. *Antedon Milbertii*, Verrill, Trans. Connect. Acad. Arts and Sci., 1867, vol. i. p. 341.

1875. *Comatula lævissima*, Grube (*pars*), 53^o Jahresber. der Schlesisch. Gesellsch. f. Vaterl. Cult., 1875, p. 74.

1879. *Antedon Jacquinoti*, P. H. Carpenter, Trans. Linn. Soc. Lond. (Zool.), ser. 2, 1879, vol. ii. p. 29.

1879. *Antedon Milberti*, P. H. Carpenter, *Ibid.*, p. 29.

1882. *Antedon lævissima*, Bell (*pars*), Proc. Zool. Soc. Lond., 1882, p. 533.

1882. *Antedon jacquinoti*, Bell, *Ibid.*, p. 534.

1882. *Antedon milberti*, Bell, *Ibid.*, p. 534.

1882. *Antedon jacquinoti*, P. H. Carpenter, *Ibid.*, p. 746.

1882. *Antedon lævissima*, P. H. Carpenter, (*pars*), *Ibid.*, p. 746.

1882. *Antedon milberti*, P. H. Carpenter, *Ibid.*, p. 746.

1884. *Antedon Milberti*, Bell, Rep. Zool. Coll. H.M.S. "Alert," London, 1884, p. 156.

1884. *Antedon milberti*, Bell, Proc. Linn. Soc. N.S.W., 1884, vol. ix. p. 497.

Centro-dorsal hemispherical, bearing some twenty to thirty cirri. These have twenty-five to thirty-five or even nearly forty joints, most of which, and especially the lower ones, are wider than long. The middle and outer joints have a more or less distinct dorsal spine.

¹ These are both tridistichate species; see pp. 254, 256.