

Disk 12 mm.; spread at least 25 cm.

Locality.—Station 308, January 5, 1876; lat. 50° 8' 30" S., long. 74° 41' 0" W.; 175 fathoms; blue mud. One specimen.

Remarks.—This species resembles *Antedon australis* in the length of the middle joints of the third pinnule, but it is altogether a much larger form, with considerably longer arm-joints than occur in that species. In this respect *Antedon rhomboidea* and *Antedon magellanica* have the same relation to *Antedon australis* and *Antedon antarctica* that the northern species *Antedon quadrata* has to *Antedon eschrichti*. *Antedon magellanica* has never yet been properly described, the type specimen having been regarded merely as a variety of *Antedon eschrichti*,¹ although its arm-joints are mostly quadrate and as long as or longer than wide. It has many points of resemblance with *Antedon rhomboidea*, but there may be over fifty cirrus-joints, while some of the middle joints of the second pinnule are longer than wide. It is nearly half as long again as the corresponding pinnule in an equal sized specimen of *Antedon rhomboidea*, while the third pinnule is considerably shorter than the second. Several examples of the type were obtained by the Italian corvette "Vettor Pisani," and I hope soon to be able to describe them at length.

5. *Antedon quadrata*, n. sp. (Pl. XXVI. figs. 1-3; Pl. XXVII. figs. 1-13; woodcut, figs. 4, A, B, on p. 154).

Specific formula— $A. \frac{c}{b}$.

1878. *Antedon celticus*, von Marenzeller, Denkschr. d. k. Akad. d. Wiss. Wien, 1877 [1878], Bd. xxxv. p. 380.
 1880. *Antedon celticus*, d'Urban, Ann. and Mag. Nat. Hist., 1880, ser. 5, vol. vi. p. 380.
 1881. *Antedon celtica*, Duncan and Sladen, Memoir Arctic Echinodermata, London, 1881, pp. 75-77, pl. vi. figs. 5, 6.
 1881. *Antedon celtica*, P. H. Carpenter, Zool. Anzeiger, 1881, Jahrg. iv. p. 521.
 1882. *Antedon celtica*, Bell, Proc. Zool. Soc. Lond., 1882, p. 534.
 1882. *Antedon celtica*, P. H. Carpenter, *Ibid.*, p. 746.
 1884. *Antedon quadrata*, P. H. Carpenter, Proc. Roy. Soc. Edin., 1884, pp. 375-377.
 1886. *Antedon quadrata*, P. H. Carpenter, Bijdragen tot de Dierkunde, 1886, 13 Aflevering, vi. p. 7, pl. i. fig. 6.
 1886. *Antedon Eschrichtii*, Levinsen (*pars*), Dijnphna-Togtets zoologisk-botaniske Udbytte, Kjøbenhavn, 1886, p. 410.
 1886. *Antedon quadrata*, Fischer, Die Österreichische Polarstation Jan Mayen, Bd. iii., Wien, 1886, Echinodermen, p. 3.

Centro-dorsal hemispherical, bearing fifty to seventy cirri, with about thirty to thirty-five joints, several of which are longer than wide; the later joints sharpened dorsally but not distinctly carinate.

¹ See Proc. Zool. Soc. Lond., 1882, p. 650.