

middle and outer portions of the arms (Pl. XXXI. figs. 1, 4; Pl. XXXII. figs. 1, 5, 7). It also differs from *Antedon exigua* in the greater length of the outer cirrus-joints (Pl. XXXII. figs. 3, 8, 9).

Attached to one of the specimens obtained at Station 236 was a single individual of *Myzostoma cornutum*, von Graff.

6. { *Antedon rosacea*, Linck, sp.
 Antedon petasus, Düben and Koren, sp.

Specific formula—A. $\frac{bc'}{a}$.

No Comatulæ which can be referred to either of these closely allied species were dredged by the Challenger, but a single individual which seems to belong to *Antedon rosacea* was obtained by the "Porcupine" somewhere in the Færoe Channel; while five young specimens were met with on the Tunis coast, together with large numbers of *Antedon phalangiium*. Another example of the "Porcupine" variety was obtained by the "Knight Errant" in 1880, to the north of the Hebrides; and the "Triton" dredged *Antedon petasus* on the Færoe Banks in 1882.

The mutual relations of these various forms, and of the numerous examples of what is commonly called *Antedon rosacea* from different localities in Britain and elsewhere, constitute a problem of no little difficulty, and one which I prefer to leave undecided for the present. I have been collecting the materials for its solution for some years past, and shall hope in course of time to be able to arrive at a definite opinion on the subject.

Antedon rosacea has been described by Greeff as occurring at the Canary Islands and even at the Equatorial Island of Rolas,¹ in the Gulf of Guinea. But the question whether the forms mentioned by him are identical with the North British variety which goes by the same name, is one which cannot be definitely decided without a careful comparison of the individuals in question and of others from intermediate localities.

7. *Antedon dübeni*, Böhlsche (Pl. XXXVII. figs. 1-3).

Specific formula—A. $\frac{b}{a}$.

1866. *Antedon Dübenii*, Böhlsche, Archiv f. Naturgesch., 1866, Bd. i. p. 9.

1868. *Antedon Dubenii* (?), Verrill, Trans. Connect. Acad., 1868, vol. i. p. 365.

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

1882. *Antedon dubeni*, Bell, Proc. Zool. Soc. Lond., 1882, p. 534.

1883. *Antedon dubeni*, P. H. Carpenter, Proc. Zool. Soc. Lond., 1882 [1883], p. 746.

Centro-dorsal a slightly convex pentagonal disk, bearing from thirty to forty cirri, which have from twelve to fifteen smooth joints, the outer ones stouter than those at the base, laterally compressed, and rather longer than wide.

¹ Echinodermen, beobachtet auf einer Reise nach der Guinea-Insel Sao Thomé, Zool. Anzeiger, 1882, Jahrg. 5, pp. 116, 159.