

Sound of Skye, first as *Comatula woodwardii*,¹ and then as *Comatula celtica*,² both of which names must now lapse.

6. *Antedon quadrata*. This is the Arctic type which was referred to *Antedon celtica*, Barrett, first by von Marenzeller³ and afterwards by Duncan and Sladen,⁴ and has since been rebaptized by myself.⁵

7. *Antedon tenella*, Retzius, sp. This species, which dates back to 1783, was described by Say in 1825 as *Alectro dentata*, and is better known in Europe as *Alecto sarsii*, Düben and Koren.

8. *Antedon variipinna*, Carpenter. To this species I now refer my own *Antedon crenulata*, together with the *Antedon decipiens* and *Antedon irregularis* of Bell. Some forms of it seem to have but ten arms.

9. *Antedon granulifera*, Pourtalès. There is a syzygy between the two palmar joints of this species, which escaped the notice of Pourtalès.⁶

10. *Antedon inæqualis*, n. sp. Most examples of this species that I have seen conform to the type A.3. $\frac{br}{2}$, but in one individual there is a single series of two palmars, the axillary with a syzygy, while the first brachial above it is also traversed by a syzygy (Pl. LI. fig. 2). I much doubt, however, whether this is anything more than an abnormal development; but I have recorded it in order to guard against the possibility of similar forms being subsequently found and described as new species.

Genus ACTINOMETRA.

I. (i) a.R. $\frac{br}{2}$.

1. *brachiolata*

2. *pectinata*

3. *solaris*.

(ii) a.R. $\frac{d.(p.)br.}{2}$

4. *paucicirra*

(iii) a.R.3. $\frac{p.br}{2}$.

distincta

a.R.3. $\frac{p.p',p'', \dots br.}{2}$

multibrachiata

novæ-guineæ

typica

¹ On two species of Echinodermata, new to the Fauna of Great Britain; *Ann. and Mag. Nat. Hist.*, 1857, ser. 2, vol. xix. p. 33.

² *Ibid.*, vol. xx. p. 44.

³ Die Coelenteraten, Echinodermen und Würmer der k. k. Österreichisch-ungarischen Nordpol-Expedition, *Denkschr. d. k. Akad. d. Wiss. Wien*, 1877 [1878], Bd. xxxv. p. 380.

⁴ A Memoir on the Echinodermata of the Arctic Sea to the West of Greenland, London, 1881, p. 75, pl. vi. figs. 5, 6.

⁵ On the Crinoidea of the North Atlantic between Gibraltar and the Færoe Islands, *Proc. Roy. Soc. Edin.*, 1883-84, vol. xii. p. 375.

⁶ *Bull. Mus. Comp. Zool.*, 1878, vol. v. No. 9, p. 215.