

2. *Actinometra solaris*, Lamarck, sp. (Pl. V. figs. 4, a-c; Pl. LIII. figs. 1-14; Part I. pl. liv. figs. 10, 11; pl. lv. fig. 2).

*Specific formula.*—a.R.  $\frac{br\ ab}{2\cdot ab}$ .

1816. *Comatula solaris*, Lamarck, Histoire Naturelle des Animaux sans Vertèbres, Paris, 1816, t. ii. p. 533.
1834. *Comatula solaris*, de Blainville, Manuel d'Actinologie, Paris, 1834, p. 249.
1841. *Actinometra imperialis*, Müller, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, 1841, p. 181.
1843. *Actinometra imperialis*, Müller, Archiv f. Naturgesch., 1843, Jahrg. ix. Bd. i. p. 132.
1843. *Alecto solaris*, Müller, *Ibid.*, p. 135.
1843. *Actinometra imperialis*, Müller, Abhandl. d. k. Akad. d. Wiss. Berlin, 1841 [1843], p. 226.
1849. *Comatula (Actinometra) solaris*, Müller, Abhandl. d. k. Akad. d. Wiss. Berlin, 1847 [1849], p. 248.
1862. *Comatula solaris*, Dujardin and Hupé, Hist. Nat. des Zoophytes, Échinodermes, Paris, 1862, p. 200.
1862. *Actinometra imperialis*, Dujardin and Hupé, *Ibid.*, p. 209.
1869. *Comatula (Actinometra?) hamata*, Herklots, Bijdragen tot de Dierkunde, 1869, Bd. ix. p. 10, pl. ix.
1879. *Actinometra solaris*, P. H. Carpenter, Trans. Linn. Soc. Lond. (Zool.), ser. 2, 1879, vol. ii. p. 27, pl. i. fig. 2; pl. v. figs. 1-4.
1879. *Actinometra robusta*, P. H. Carpenter, *Ibid.*, p. 27, pl. v. figs. 10-15.
1881. *Actinometra solaris*, P. H. Carpenter, Notes from the Leyden Museum, 1881, vol. iii. p. 192.
1882. *Actinometra solaris*, P. H. Carpenter, Journ. Linn. Soc. Lond. (Zool.), 1882, vol. xvi. p. 514.
1882. *Actinometra robusta*, P. H. Carpenter, *Ibid.*, p. 517.
1882. *Actinometra albonotata*, Bell, Proc. Zool. Soc. Lond., 1882, p. 535.
1882. *Actinometra solaris*, Bell, *Ibid.*, p. 535.
1882. *Actinometra albonotata*, P. H. Carpenter, *Ibid.*, p. 747.
1882. *Actinometra robusta*, P. H. Carpenter, *Ibid.*, p. 747.
1882. *Actinometra solaris*, P. H. Carpenter, *Ibid.*, p. 747.
1884. *Actinometra solaris*, Bell (*pars*), Rep. Zool. Coll. H.M.S. "Alert" Lond., 1884, p. 164, pl. xvi. fig. A, a.
1884. *Actinometra solaris*, var. *albonotata*, Bell, *Ibid.*, p. 165.
1884. *Actinometra intermedia*, Bell, *Ibid.*, p. 166, pl. xvi. fig. A, b.
1884. *Actinometra robusta*, Bell, *Ibid.*, p. 167, pl. xvi. fig. A, c.
1884. *Actinometra strotata*, Bell, *Ibid.*, p. 167.
1885. *Actinometra solaris*, Bell, Proc. Linn. Soc. N. S. W., 1884 [1885], vol. ix. p. 498.
1885. *Actinometra intermedia*, Bell, *Ibid.*, p. 498.

Centro-dorsal a thin disk, bearing from ten to twenty-five marginal cirri. These have from seventeen to twenty-four joints, usually about twenty, the later ones smooth and sometimes much longer than wide.

First radials mostly concealed; the second very short, closely joined laterally, and united by syzygy to the widely pentagonal axillaries. Ten arms, which have more or