

Station 188, Arafura Sea, September 10, 1874; depth, 28 fathoms; bottom, green mud. One specimen (mounted).

*Remarks.*—Dana's specimens were "from thirty-one fathoms water, in Balabac Passage, attached to a Plumularia and a Gorgonia." He gives the colour as "pale yellowish." In Mr. Haswell's figures and descriptions of *Protella australis* I can find little to distinguish it from Dana's species, except in "the presence of a pair of short, acute, forwardly directed spines on the head."<sup>1</sup> But in the earlier account<sup>2</sup> he says "Cephalon armed above with a single short, anteriorly directed spine," and again "the cephalic spine is sometimes rudimentary." In the statement that the flagellum of the lower antennæ "is composed of six articuli,"<sup>3</sup> which I have already noticed as contrary to the generic character of *Protella*, there must, I think, be some misapprehension. In the original account<sup>4</sup> Mr. Haswell only says "flagellum very short." One point, however, remains: Mr. Haswell says, "the branchiæ are long oval; the corresponding appendages are distinct, between a third and a half the length of the branchiæ."<sup>5</sup> In Dana's figures and in the Challenger specimen the rudimentary peræopods are much longer in proportion to the branchial vesicles than in Mr. Haswell's description of his species; but in Dana's figures the legs are proportionately much larger than in the Challenger specimen, so that probably these appendages are very variable in size within the species. The other details given by Mr. Haswell agree so well with Dana's figures and with the specimen here described, that they strongly tend to confirm the opinion expressed by Mayer<sup>6</sup> that *Protella australis* is a synonym of *Protella gracilis*.

#### Genus *Æginella*, Boeck, 1860.

- 1843. *Ægina*, Krøyer, Naturh. Tidsskr., R. 1, Bd. iv. p. 496.
- 1852. " Dana, U.S. Explor. Exped., vol. xiii. pt. ii. pp. 807, 822.
- 1854. " Stimpson, Marine Invertebrates of Grand Manan, p. 44.
- 1855. *Caprella*, Bell and Westwood, The Last of the Arctic Voyages, p. 407.
- 1860. *Ægina*, Boeck, Forh. ved de Skand. Naturf. 8de Møde, p. 670.
- 1860. *Æginella*, Boeck, Forh. ved de Skand. Naturf. 8de Møde, p. 670.
- 1862. *Caprella (pars)*, Spence Bate, Brit. Mus. Catal. Amph. Crust., p. 353.
- 1863. *Æginella*, M. Sars, Nyt Mag. for Naturvidenskaberne, Bd. xii. Hfte 3, p. 290.
- 1870. *Ægina*, Boeck, Crust. amph. bor. et arct., p. 190.
- 1870. *Æginella*, Boeck, Crust. amph. bor. et arct., p. 192.
- 1876. *Ægina*, Boeck, De Skand. og Arkt. Amph., p. 679.
- 1876. *Æginella*, Boeck, De Skand. og Arkt. Amph., p. 684.

<sup>1</sup> Revision of the Australian Læmodipoda, pp. 5, 6 (sep. copy), pl. xlix. figs. 2-4, *Proc. Linn. Soc. N.S.W.*, vol. ix. pt. iv., 1885. In the Plate the figure of the peræopod is evidently fig. 5, which is not included in the "Explanation of the Plates"; fig. 4, which is there said to represent "Pereiopoda of *Protella australis*," must be a second gnathopod.

<sup>2</sup> *Proc. Linn. Soc. N.S.W.*, vol. iv. p. 276, 1880.

<sup>3</sup> Revision of the Australian Læmodipoda, p. 6.

<sup>4</sup> *Proc. Linn. Soc. N.S.W.*, vol. iv. p. 276.

<sup>5</sup> Revision of the Australian Læmodipoda, p. 6.

<sup>6</sup> Die Caprelliden, p. 31.