

organs generally as in *Pontella*; apical portion of the posterior foot-jaw six-jointed. Inner branches of the swimming feet two-jointed. Fifth pair of feet in both sexes consisting of one branch only. Abdomen of the female two, of the male five-jointed. Rostrum cloven; eyes two, small, closely approximated, near the base of the rostrum.

The smaller number of joints in the anterior antenna, and the unbranched character of the fifth pair of feet in both sexes are perhaps characters sufficiently important to warrant the retention of the generic name originally applied by Dana to this species, though on different grounds. Dana describes two sets of eyes, an inferior and superior, both very minute. In my spirit specimens I have been able to detect only the superior.

1. *Calanopia elliptica*, Dana (Pl. XXXIV. figs. 1-9).

*Calanopia elliptica*, Dana, Crust. U. S. Expl. Exped., p. 1132, pl. lxxix. fig. 6, *a, b*.

Length, 1-14th of an inch (2 mm.). Cephalothorax elongated, ovate, tapering and rounded off in front, posterior lateral angles sharply spined; anterior antennæ (fig. 2) slender, about as long as the cephalothorax, eighteen-jointed, third and sixth joints extremely short, tenth, eleventh, twelfth, and thirteenth long and slender; sparingly setose towards the apex, more densely on the proximal half; the principal serrated plate placed on the proximal side of the hinge (fourteenth joint); armature consisting of very fine, closely-set setæ (fig. 4). The upper half of the fifteenth joint is also very faintly pectinated, the serrations not being visible except with a high power of the microscope. Last joint of the right fifth foot in the *male* (fig. 7) stout and claw-like, its basal portion expanded, concave margin very irregularly rugose and dentated; terminal joint on the left side simple, cylindrical, marginally setose near the apex, bearing two apical and three lateral spines, the outer angle of the penultimate joint produced into a strong spine. Fifth pair of feet in the *female* simple, elongated, cylindrical, penultimate joint bearing a strong apical spine, last joint with three ciliated spines. The second segment of the *male* abdomen is produced on the right side into an acute angle, the last joint is extremely short; the caudal stylets about thrice as long as broad and more than equal in length to the last two abdominal segments; the two central tail setæ much longer than the rest,—about equal to the length of the abdomen.

*Habitat*.—Off Sibago Island, Zebu Harbour, and at other points off the Philippine Islands. Mr. Dana's specimens were taken in the Straits of Banca, east of Sumatra.

*Pontellopsis*, n. gen.

Head distinctly separated from thorax; abdomen of female two-jointed (?), and having a pouch-like protuberance on the left side. Anterior antennæ eighteen-jointed;