

*Setella*, Dana.*Setella*, Dana, Crust. U. S. Expl. Exped. (1852)

Body extremely slender, almost linear, and bearing beneath the front of the head a short and broad but sharply-pointed beak-like appendage. Head and first thoracic segment coalescent. Anterior antennæ slender, bearing on the fourth joint an (olfactory?) appendage; posterior antennæ unbranched. Mouth-organs excessively minute. Mandible-palp rudimentary. Maxillæ and first pair of foot-jaws short and uncinatè; second pair of foot-jaws larger, and forming a clawed hand. Fifth pair of feet foliaceous. Caudal setæ very long.

*Setella gracilis*, Dana (Pl. L. figs. 1-10).*Setella gracilis*, Dana, Crust. U. S. Expl. Exped. (1852), p. 1198, pl. lxxxiv. fig. 3, *a-g*.

Length, 1-18th of an inch (1.4 mm.). The head is tapered towards the front, and bears a stout, lancet-shaped rostrum. Abdomen in the *female* four- in the *male* five-jointed; margin of the penultimate segment finely pectinated; caudal segments slender, as long as the three preceding abdominal segments; principal setæ two, the innermost very long, more than equalling the length of the whole body of the animal, the outer seta about as long as the caudal stylet; both are finely aculeated through their entire length. Anterior antenna slender and very sparingly setiferous, that of the *female* eight-jointed, about as long as the cephalothorax; that of the *male* (fig. 2) geniculated, slightly swollen above the middle, and terminating in a slender slightly falciform joint; posterior antenna (fig. 3) three-jointed, simple, bearing at the apex three small subequal setæ, and two much smaller marginal hairs. Mandible (fig. 4) very small and feebly toothed at the apex; palp consisting of one small seta; maxilla (fig. 5) simple, subhamulate, without a palp; anterior foot-jaw (fig. 6) provided with a stout curved apical seta, and with two or three marginal unisetiferous processes; posterior (fig. 7) elongated, much larger than the preceding, two-jointed, bearing at the apex a short curved claw, and on the middle of the inner margin of the second joint a brush-like tuft of small fine hairs. First four pairs of feet long and slender (fig. 8), two-branched, the branches nearly equal, three-jointed; fifth pair rudimentary, each branch consisting in the *female* (fig. 10) of a single joint, the apices of both and the outer margin of the outer branch being setiferous; in the *male* (fig. 9) the inner branch is represented only by a couple of small setæ.

Of this interesting genus Dana has described five species, some of them, perhaps, of doubtful validity; Claus one species, *Setella messinensis*, from the Mediterranean, and Boeck one, *Setella norvegica*. The Challenger specimens agree most closely with Dana's *Setella gracilis*, but the differences between this species and *Setella tenuicornis* appear to be of the very slightest character.