

Genus *Cardenio*, n. gen.

*Upper Antennæ* shorter than the lower; the first joint not apically clubbed, the third joint not shorter than the second of the peduncle or the first of the flagellum.

Third joint of the mandibular palp short, but not rudimentary.

*Maxillipeds*.—The fourth joint absent or rudimentary.

The finger rudimentary in the first gnathopods, absent from the second gnathopods, the first, second, and fifth peræopods, short and blunt in the third and fourth peræopods.

*Telson* long, deeply cleft.

The generic name is taken from a character in Don Quixote.

The genus is allied to *Bathyporeia*, Lindström, by the character of the limbs, the gnathopods also showing a resemblance to those of *Synopia*, Dana.

*Cardenio paurodactylus*, n. sp. (Pl. LIII.).

The head projecting over the antennæ in what from above or from the side appears to be a rounded point, but in front appears to be truncate; the head dorsally as long as the first two segments of the peræon; the back rounded, widening to the centre of the peræon, and then narrowing; the hind rim of the pleon-segments more or less crenate or dentate across the centre of the back; the postero-lateral angles of the first two rounded, of the third acute; the fourth, fifth, and sixth segments not very short.

*Eyes* small, reniform, set near the front of the head, near together, forming an angle one with the other, dark in the spirit-specimen, with the ocelli numerous, more than sixty in number.

*Upper Antennæ*.—Peduncle of three short joints, the first a little longer than the third, both than the second, which is intermediate in thickness; flagellum four-jointed, equal in length to the second and third joints of the peduncle, with a pair of stout cylinders on each of the first and second joints; the secondary flagellum with one long joint and a minute second one, the two together not equalling the first of the primary, which itself is longer than the second of the primary, but shorter than any of the joints of the peduncle. In one specimen the accessory flagellum had an additional joint.

*Lower Antennæ*.—First and second joints short and small, gland-cone not produced; third joint as long as the two preceding combined, fourth joint stouter but a little shorter than the fifth; third, fourth, and fifth armed to some extent with spines; flagellum slender, five-jointed, the first joint the longest. In one specimen the flagellum was seven-jointed.

*Upper Lip*.—Both plates broad and thin, squarely rounded distally, the outer advanced a good deal beyond the inner, its distal margin smooth in the centre, with a group of cilia on either side,