

other specimens from the same locality probably belonging to this species, one of them a female (mounted in Canada balsam), which is almost covered with large stellate pigment-markings, and has numerous young ones. From "*Amphipronoë longicornuta*," Giles, this species is distinguished by having all the segments of the peræon distinct and by the curved rami of the third uropods.

*Lycæa pauli*, n. sp.

*Upper Antennæ*.—The upper margin of the large first joint of the flagellum not angled.

*Lower Antennæ* as in *Lycæa vincentii*.

*Mandibles*.—The cutting edge nearly straight, not broad, finely striated, with a slight prominence at the upper corner, the lower rounded; the secondary plate of the left mandible nearly as long as the principal. First joint of the palp longer than the two following together, and more than twice as broad as either; the third joint slightly longer than the second.

*Gnathopods* nearly as in *Lycæa vincentii*, but the distal or palmar margin of the wrists less hollowed, the serrate part of it being straight.

*Third Peræopods*.—The first joint broadly oval, narrow at the neck, distally broad, the much rounded and faintly serrate distal extremity of the hind margin projecting much behind the following joint; the third joint longer and broader than the fourth; the fourth strongly pectinate on its distal margin on the inner surface; the concave front margin of the fifth joint faintly pectinate.

*Fourth Peræopods*.—The first joint more regularly oval than that of the preceding pair, about the same length with that, but considerably narrower; the third, fourth, and fifth joints also narrower as well as shorter than in the third pair.

*Fifth Peræopods*.—The first joint longer than broad, nearly as broad as the first joint in the preceding pair, narrowed at the two extremities, the front margin straight, the hinder very convex; the second joint not longer than broad; the third a little longer; the fourth narrower than the third, longer than the second and third together; the fifth longer than the fourth; the finger very small, with a small protruding piece above, the bent tongue-like piece below extending much beyond this.

*Pleopods* with about ten joints to the rami.

*Uropods*.—Peduncles of the first pair scarcely twice as long as the rami, strongly pectinate on the outer margin; the rami reaching a little beyond the telson, the outer rather the longer, pectinate on both margins, the inner pectinate on the outer margin and lower part of the inner; inner ramus of the second pair pectinate on both margins, reaching much beyond the peduncle of the first pair; the outer ramus much shorter and narrower than the inner, pectinate on the inner margin; the coalesced inner ramus of