

synhipod. Second pair of gnathopoda long, slender, and pediform. First pair of pereopoda chelate or subchelate and larger than the second, which is simple like the others posterior to it.

*Oodeopus*, n. gen.

Carapace about one-fourth the length of the animal. Rostrum long and slender.

Pereion narrow and subcylindrical.

Five anterior somites of pleon subequal, the sixth longer than the preceding.

Telson long, narrow, the terminal extremity fringed with hairs.

Ophthalmopoda short; ophthalmus large, ovate.

First pair of antennæ biflagellate.

Second pair of antennæ furnished with an obtusely-pointed scaphocerite.

Mandibles without synhipod.

The second pair of gnathopoda long, slender, pediform and six-jointed, and carrying a basephysis.

First pair of pereopoda large and chelate. Second pair robust, but more slender than the first and simple. All the pereopoda carry a basephysis.

Pleopoda biramose, posterior pair not longer than the telson.

*Observations.*—The description of this genus is drawn from an immature animal, but the one that is in the most advanced stage of development in the collection, and which shows a tendency to develop the first pair of pereopoda into a chela in the adult stage. All the other specimens exhibit them in the simple form, which I take to be a still more immature condition.

It bears comparison with a young animal which Dana has figured under the name of *Rachitia spinalis*,<sup>1</sup> which he captured in the Atlantic, off the harbour of Rio Janeiro, on January 7, 1838. It, however, differs from this genus in having the rostrum short, in the first pair of antennæ having only a single flagellum, and in the form of the telson. It must, however, be the young of some closely allied genus, of which the one taken as the type in this collection is in the most advanced condition, and exhibits evidence of the relation it bears to an older form.

*Geographical Distribution.*—Most of those found were taken in the Eastern Seas. Four different forms that appear to represent separate species were procured off Cape York, one off Cape Jackson, one off the New Hebrides, and one off Cape Verde in the Atlantic. Dana took his specimen of *Rachitia* off the coast of Brazil.

<sup>1</sup> U.S. Explor. Exped., Crust., p. 667, pl. xlv. figs. 8a-b.