

The pleopoda are subequal in length and correspond in form with those of *Pasiphaea cristata*.

The telson is shorter than the plates of the rhipidura.

Length, entire,	. . . . .	47 mm. (1.9 in.).
„ of carapace,	. . . . .	15 „
„ of rostrum,	. . . . .	...
„ of pleon,	. . . . .	32 „
„ of third somite of pleon,	. . . . .	5 „
„ of sixth somite of pleon,	. . . . .	9 „
„ of telson,	. . . . .	7 „

Habitat.—Station 311, January 11, 1876; lat. 52° 45' 30" S., long. 73° 46' 0" W.; off Port Churruca, Patagonia; depth, 245 fathoms; bottom, blue mud; bottom temperature, 46°·0. One specimen. Trawled.

Station 236, June 5, 1875; lat. 34° 58' N., long. 139° 29' E.; south of Japan; depth, 775 fathoms; bottom, green mud; bottom temperature, 37°·6. One specimen. Trawled.

Orphanica,¹ n. gen.

Carapace more than one-third the length of the animal, anteriorly produced to a rostral point. Frontal crest not adorned with a strong tooth.

Ophthalmopoda well developed.

First pair of antennæ biflagellate.

Second pair of antennæ supporting a foliaceous scaphocerite.

Second pair of gnathopoda pediform.

First two pairs of pereopoda slender and chelate. Second pair longer than the first. Three succeeding pairs feeble.

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

Telson tapering to a point.

Orphanica tenuimana, n. sp. (Pl. CXLI. fig. 4).

Carapace about one-third of the entire length of the animal, dorsally subcarinated, anteriorly produced to a small point. Orbit well defined.

Pleon dorsally rounded; anterior five somites subequal, sixth subequal with the two preceding.

Telson long, slender, and tapering to a sharp point, armed with a small tooth on each side.

¹ ὄρφανισ, the condition of an orphan.