

species from the Mediterranean, Dana one from the coast of Oregon, Dr. Stimpson several species from Madeira, Australia, and the northern shores of Eastern Asia, Sidney Smith several from off the eastern coast of America, and Sars others from off the Scandinavian shores.

Pandalus magnoculus, n. sp. (Pl. CXV. fig. 1).

Rostrum a little longer than the carapace, measured from the orbital margin; dorsally armed with from ten to twelve movable spines, intermingled with a fringe of ciliated hairs, and on the under side with six rigid teeth interspersed with a fringe of long and ciliated hairs. Dorsal surface of carapace carinated to the posterior extremity of the gastric region.

Pleon dorsally smooth to the posterior portion of the third somite, where it narrows and is produced posteriorly to a small sharp tooth, which is repeated on the next somite, but to a less degree; the sixth somite is twice as long as the fifth, greatly compressed laterally and produced posteriorly on each side to a sharp point.

Ophthalmopoda (fig. 1*a*) supporting a large reniform ophthalmus, the inner side of which is flattened and furnished with an ocellus connected by a process with the ophthalmus.

First pair of antennæ (fig. 1*b*) having a short, pointed, flattened stylocerite of great tenuity on the outer side of the first joint, which is deeply excavate to receive the eye; second and third joints short and terminating in two flagella, the upper and more robust of which is the shorter, the lower being slender and a little longer than the rostrum.

Second pair of antennæ carrying a scaphocerite that reaches to about two-thirds the length of the rostrum, and a flagellum that is fully once and a half as long as the animal.

Three posterior pairs of pereopoda furnished with a row of movable spines; the carpos and dactylos are long, the latter being styliform.

	Female.	Male.
Length, entire,	63 mm. (2·4 in.).	59 mm. (2·3 in.).
„ of carapace,	16 „	16 „
„ of rostrum,	25 „	18 „
„ of pleon,	47 „	43 „
„ of third somite of pleon,	8 „	8 „
„ of sixth somite of pleon,	14·5 „	11 „
„ of telson,	12 „	10 „

Habitat.—Station 166, June 23, 1874; lat. 38° 50' S., long. 169° 20' E.; near New Zealand; depth, 275 fathoms; bottom, Globigerina ooze; bottom temperature, 50°·8. Nine specimens; six males and three females. Trawled. Associated with *Nephrops thomsoni*.

Station 167, June 24, 1874; lat. 39° 32' S., long. 171° 48' E.; off the west coast of