

ramus; the outer ramus broadly lanceolate, with spines on one margin, and ending with a decided nail; the small branch ending acutely, without a nail, a slender spine on one margin near the apex, and some way above it a cilium; higher upon the other margin another cilium.

Telson projecting beyond the peduncles of the third uropods, cleft for more than three-quarters of its length, narrowing distally, where it becomes slightly dehiscent by the curving round of the margins of the cleft; the inner part of each apex a little more produced than the outer, and in the hollow a stout spine inserted with a cilium by its side. Near each outer margin, a little below the top of the cleft, the telson has a spine on the surface, and below this one or two feathered cilia, and here and there a simple cilium.

Length.—The specimen, in the position figured, measured three-tenths of an inch.

Locality.—Station 149H, off Cumberland Bay, Kerguelen, January 29, 1874; depth, 127 fathoms; bottom, volcanic mud. One specimen, female.

Remarks.—The specific name, *crenatipalmatus*, refers to the palm of the first gnathopods.

The only other species in this group which has a form of hand similar to that of our species is, so far as I know, *Normania latimana*, G. O. Sars, but that species has been only provisionally assigned to Boeck's genus *Normania*, with which, as defined by its author, neither that species nor this agrees. The mouth-organs of *Normania latimana* have not yet been described, so that I cannot say whether it belongs or not to the genus now instituted.

Genus *Platamon*, n. gen.

Mandibles with the palp set forward over the dentate crown of the molar tubercle.

First Maxillæ with the inner plate oval, carrying two plumose setæ, the second joint of the palp greatly expanded, with numerous teeth on the apical border.

Second Maxillæ with the inner plate broader than the outer, its inner border fringed as well as the apical.

Maxillipeds with the inner plates remarkably broad, the outer plates with numerous teeth on the inner border, and two closely adjacent to the rest on the apex.

Both pairs of *Gnathopods* long and slender, with the fingers well-developed, the hand in the first gnathopods shorter than the wrist, oval, subchelate.

Third Uropods with the rami as long as those of the second.

Telson divided beyond the centre, extending beyond the peduncles of the third uropods.

The generic name is derived from the Greek word *πλαταμών*, a broad space, in allusion to the great breadth of the parts of the maxillæ and maxillipeds above described.