

bottom temperature, 0.3° C.; globigerina ooze. One specimen. Station 232. May 12, 1875. Lat. $35^{\circ} 11'$ N., long. $139^{\circ} 28'$ E. Depth, 345 fathoms; bottom temperature, 5.0° C.; sandy mud. One incomplete specimen. Station 300. December 17, 1875. Lat. $33^{\circ} 42'$ S., long $78^{\circ} 18'$ W. Depth, 1375 fathoms; bottom temperature, 1.5° C.; globigerina ooze. A great number of specimens.

The individuals belonging to this species vary greatly in size as well as in the number of pedicels and processes, and in order to give an idea of this variation I have composed the following table:—

Station.	Length of the Body. ¹	Breadth of the Body. ²	Pedicels along the left side of the Ventral Surface.	Pedicels along the right side of the Ventral Surface.	Processes of the left Dorsal Ambulacrum.	Processes of the right Dorsal Ambulacrum.
147	145	45	22	22	7	8
147	95	...	23	22	8	9
158	20	6	15	15	5	5
300	155	50	29	27	12	9
300	150	...	17	18	11	10
300	160	...	19	22	8	11
300	160	...	20	21	9	11
300	165	...	23	19	11	11
300	185	...	23	21	17	16
300	195	60	19	19	10	8
300	200	...	19	17	7	9
300	200	...	20	22	7	6
300	200	...	17	20	11	12
300	210	...	22	21	11	11
300	210	...	18	21	11	10
300	210	55	19	20	11	12
300	220	55	21	22	8	9
300	225	...	19	19	8	8
300	230	...	18	21	11	9
300	235	...	21	22	10	9
300	240	...	24	24	12	12

Contrary to the condition in *Deima* and *Oneirophanta* the body-wall is here very thin, soft, and pliable; hence the body of this species has lost its original form greatly during preservation in alcohol. The body must have been more or less fusiform, equally tapering towards each extremity; this is best proved by filling the peritoneal cavity with alcohol or air, and thus extending the perisoma. The dorsal surface is extremely convex, while the ventral one is but slightly so. The mouth is more or less strongly inclined towards the ventral surface, and the anus, which is strikingly large, is almost terminal or indistinctly turned upwards. As the above table indicates, the number of pedicels and processes does

¹ All measurements are given in millimetres.

² As the individuals are rather contracted, it is impossible to tell the breadth of the body exactly, wherefore I have generally omitted it.