

smaller specimen, obtained at Station 146 and measuring about 35 mm. in length, gives off about twenty-nine pedicels and thirty-five processes. These statements prove that the number of processes and pedicels is pretty much independent of the size of the animal. The ventral surface is flat or slightly concave, while the dorsal, on the contrary, is extremely convex. Both extremities of the body are evenly rounded. The mouth and anus are ventral, the former having a more terminal position. The colour varies considerably, most of the individuals having a light grey or glassy colour, while those found at Station 157 are of a darker or lighter violet. Before continuing the description, it seems proper to give the following table, exhibiting in what degree variation occurs with regard to the pedicels and processes:—

Station.	Length of the Body. <sup>1</sup>	Breadth of the Body.				Pedicels distinctly disposed in two rows along each side of the Ventral Surface.		Pedicels indistinctly disposed in two rows along each side of the Ventral Surface.		Pedicels of the odd Ambulacrum.	Processes of the Lateral Ambulacra of the Ventral Surface.		Processes of the Dorsal Ambulacra.		Tentacles.	Colour.
		Left Side.		Right Side.		Left Side.	Right Side.	Left Side.	Right Side.		Left Side.	Right Side.				
		Outer Row.	Inner Row.	Outer Row.	Inner Row.											
													Outer Row.	Inner Row.		
244	137	48	11	10	12	10	...	...	6	9	11	13	14	of equal size.	light grey.	
244	104	37	...	...	...	...	11	12	4	10	10	12	10	of unequal size.	glassy.	
244	92	44	9	5	8	6	...	...	4	10	9	11	10	of unequal size.	glassy.	
244	78	31	...	...	...	...	13	12	3	8	7	9	10	of unequal size.	glassy.	
244	83	32	...	...	...	...	12	11	3	9	8	10	9	of unequal size.	glassy.	
244	135	37	16	11	15	11	...	...	9	10	9	12	13	of equal size.	yellowish-white.	
244	130	50	...	...	...	...	11	12	3	11	11	11	12	of unequal size.	glassy.	
325	102	34	...	...	...	...	14	13	3	7	6	9	9	of equal size.	glassy.	
325	109	36	10	4	10	4	...	...	3	9	9	5	7	of equal size.	glassy.	
325	109	36	...	...	...	...	11	12	4	12	11	8	10	of equal size.	glassy.	
325	106	40	...	...	...	...	15	14	3	10	11	12	11	of equal size.	white, glassy.	
325	120	36	...	...	...	...	14	14	4	7	7	7	7	of equal size.	white, glassy.	
325	120	51	...	...	...	...	14	14	4	11	10	10	9	of equal size.	white.	
325	122	44	...	...	...	...	13	15	4	11	12	11	12	of equal size.	yellowish-white	
160	123	50	...	...	...	...	14	13	3	11	11	5	6	of equal size.	white.	
160	120	38	...	...	...	...	11	11	3	12	12	7	8	of equal size.	white.	
160	103	34	...	...	...	...	14	14	4	14	14	8	7	of equal size.	yellowish-white	
160	120	42	...	...	...	...	12	13	3	11	11	10	8	of equal size.	white.	
160	133	40	...	...	...	...	11	11	4	12	12	7	7	of equal size.	white.	
160	83	31	...	...	...	...	10	10	4	11	10	8	9	of equal size.	white, glassy.	
160	46	15	...	...	...	...	8	8	3	5	6	4	4	of equal size.	glassy.	
241	170	60	13	8	11	9	...	...	7	17	17	17	19	of equal size.	glassy.	
146	204	82	13	10	13	10	...	...	4	16	15	13	12	of equal size.	white.	
146	53	20	10	8	11	6	...	...	6	8	9	9	9	of equal size.	glassy.	
146	35	10	...	...	...	...	14	13	2	8	9	9	9	of unequal size.	glassy.	
299	134	41	11	10	10	9	...	...	2	6	5	7	7	of equal size.	whitish.	
299	126	43	10	7	10	6	...	...	2	10	11	10	11	of equal size.	whitish.	
281	90	34	...	...	...	...	15	13	3	11	11	9	10	of unequal size.	glassy.	
157	180	58	14	14	14	12	...	...	2	12	12	8	8	of equal size.	dark violet.	
157	135	41	...	...	...	...	22	20	4	7	7	4	4	of equal size.	violet.	
157	83	25	11	11	11	11	...	...	4	7	7	4	4	of unequal size.	light violet.	
157	49	15	10	8	10	8	...	...	2	7	7	9	9	of unequal size.	light violet.	

<sup>1</sup> All measurements are given in millimetres.