

The following synopsis of the species may be here appended:—

Frontal part of carapace	acutely produced. Eyes	rather large, pyriform. Inferior margin of carapace armed with	{	two denticles, . . . . .	<i>E. pellucida</i> , Dana.		
				a single denticle,	<i>E. similis</i> , G. O. Sars.		
	very small. Third caudal segment	{	smooth, not produced, . . . . .	<i>E. gracilis</i> , Dana.			
			produced to an acute posteriorly curving lappet, . . . . .	<i>E. gibba</i> , G. O. Sars.			
	very slightly produced. Inferior margin of carapace	{	smooth, . . . . .	{	smooth, . . . . .	<i>E. superba</i> , Dana.	
armed with a single denticle placed					anteriorly to the middle, . . . . .	<i>E. murrayi</i> , G. O. Sars.	
					in the middle. Third caudal segment	smooth, . . . . .	<i>E. splendens</i> , Dana.
						produced to a posteriorly pointing spine, . . . . .	<i>E. mucronata</i> , G. O. Sars.
		produced to a strong rostral projection, and armed with distinct supra-orbital spines. Caudal segments partly spinous, . . . . .		<i>E. spinifera</i> , G. O. Sars.			
projecting as a broad plate	{	triangularly pointed, . . . . .	{	triangularly pointed, . . . . .	<i>E. antarctica</i> , G. O. Sars.		
				truncate at the apex, . . . . .	<i>E. latifrons</i> , G. O. Sars.		

14. *Euphausia pellucida*, Dana (Pls. XI., XII.).

*Euphausia pellucida*, Dana, United States Expl. Exped., vol. xiii., Crustacea, p. 641, pl. xlii. fig. 4, a-m.

*Euphausia mülleri*, Claus, Zeitschr. f. wiss. Zool., Bd. xiii. p. 432, pl. xxviii. figs. 29-31, pl. xxix.

*Thysanopoda bidentata*, G. O. Sars, Oversigt af Norges Crustaceer, Bd. i. p. 50, pl. i. figs. 11-14.

*Euphausia pellucida*, G. O. Sars, Preliminary Notices on the Challenger Schizopoda, No. 13.

*Specific Characters.*—Carapace with two lateral denticles on either side, frontal part produced and acutely pointed. Caudal segments smooth, epimera rather large and of uniform appearance. Last segment longer than the preceding; preanal spine tridentate. Eyes of moderate size, pyriform. Basal joint of antennulæ with an erect leaflet above, usually divided into two acuminate lappets. Antennal scale oblong-ovate, obtusely truncate at apex, outer corner unarmed; basal spine very large, and denticulate at inner edge. Terminal joint of second pair of maxillæ short and broad, with a row of small teeth anteriorly. Telson elongate; subapical spines very large, and finely denticulate at inner edge. Inner plate of uropoda longer than outer. Usual length of adult female 10 to 15 mm.

*Remarks.*—This would seem to be by far the commonest of all the Challenger species