

- (9) *Clione elegantissima*, Dall = *Clione limacina*, Phipps.
 (10) *Clio miquelonensis*, Rang = *Clione limacina*, Phipps.
 (11) *Clione papilionacea*, auctorum = *Clione limacina*, Phipps.
 (12) *Clio retusa*, O. F. Müller (*non* L.) = *Clione limacina*, Phipps.

4. Names applied to species not well enough known and described to be distinguished from one another—

- (13) *Clio australis*, Bruguière.
 (14) *Cliodita fusiformis*, Rang.
 (15) *Clio limacella*, Rang (without description).
 (16) *Clio pyramidata*, Rang.

I shall speak afterwards of these last four species.

There are, then, only three forms well enough known and characterised to be distinguished from one another, as in the following table:—

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| I. With three pairs of buccal cones, | | <i>Clione limacina</i> . |
| II. With two pairs of buccal cones. | | |
| 1. Animal small, of a brownish colour, with the posterior lobe of the foot very short, | | <i>Clione longicaudata</i> . |
| 2. Animal of moderate size, of a yellowish colour, with the posterior lobe of the foot rather long, | | <i>Clione flavescens</i> . |

Of these three species only one is very abundant in the Arctic Seas, and the two others are very localised, and thus the Challenger, which did not go to the Arctic Seas, did not bring back specimens of the genus *Clione*. It is the only genus of Gymnosomata that was not collected during the cruise.

1. *Clione limacina* (Phipps).

1773. *Clio limacina*, Phipps, A Voyage towards the North Pole, p. 195.
 1774. *Clione borealis*, Pallas, Spicilegia zoologica, fasc. x. p. 28, pl. i. figs. 18, 19.
 1776. *Clio retusa*, O. F. Müller, Faunæ danicæ prodromus, p. 226.
 1825. *Clio miquelonensis*, Rang, Description d'un nouveau genre de la classe des Pteropodes et de deux nouvelles espèces du genre Clio, Ann. d. Sci. Nat., sér. 1, t. v. p. 285, pl. vii. fig. 2.
 1871. *Clione elegantissima*, Dall, Description of Sixty New Forms of Molluscs from the West Coast of North America, Amer. Journ. of Conchology, t. vi. p. 139.
 1885. *Clione dalli*, Krause, Ein Beitrag zur Kenntniss der Mollusken Fauna des Berings Meeres, Archiv f. Naturgesch., Jahrg. li. p. 299, pl. xviii. fig. 19a.
 ... *Clione papilionacea*, auctorum.

Body long, tapering to a point behind. Head round and swollen; neck short. Skin not pigmented over all its surface, but of a bright red colour at the posterior extremity and on the head and buccal cones¹ of the living animal (the alcoholic specimens are of an orange colour).

Foot.—Large anterior lobes, broad in front, pointed behind, attached in nearly their

¹ See the figure of Eschricht, Anatomische Untersuchungen über die *Clione borealis*, pl. i. figs. 1-4.