

Length 29 mm., height 14, diameter 12.

Habitat.—Station 305, west coast of Patagonia, in 165 fathoms; blue mud.

Both this species and *Neæra wollastonii* may eventually prove to be large varieties of *Neæra rostrata*, Spengler, being similarly sculptured. Still there is a considerable difference in form. The single left valve from the above locality has the apex of the umbo (viewing it from within) situated 13 mm. from the anterior end, or only one and a half in advance of the centre. From this it will be seen that it is more equilateral than *Neæra rostrata*, but less so than *Neæra wollastonii*.

Neæra wollastonii, n. sp. (Pl. X. figs. 6–6b).

Testa magna, tenuis, alba, haud nitida, globosa, ovata, postice longe rostrata, incrementi lineis tenuibus striata. Margo dorsi anticus oblique arcuatus, posticus minus declivis, levissime concavus. Ventris margo antice et inferne late arcuatus, ad rostrum late sinuatus. Rostrum elongatum, marginibus subparallelis, carina obliqua leviter curvata dimidiatum, ad extremitatem posticam subrecte truncatum. Umbones magni, involuti, ad apicem sublævigati, centrales. Pagina interna nitens, plus minusve radiatim substriata. Linea cardinis tenuis, subreflexa, sub umbone valvæ sinistrae loculo ligamentali parvo obliquo instructa.

This is a large thin shell, much inflated, ovate, and terminated behind in a long beak. It is white, with scarcely any gloss upon the surface, and sculptured with fine striæ of growth only. The hinder dorsal margin is slightly oblique and the least concave, the anterior being arcuate and more sloping, but this depends upon the position in which the shell is regarded. The anterior end is semicircularly rounded, the ventral outline more broadly curved and widely sinuated at the commencement of the rostrum. This has the upper and inferior margins almost parallel, the extremity nearly abruptly truncate, and is obliquely bisected by a slight radiating ridge. The umbones are considerably elevated, exactly central, smoothish, and incurved at the tips. The hinge-line in the left valve is thin, a little expanded upwards on both sides of the umbo, immediately beneath which is a very small ligamental pit directed obliquely towards the hinder end. The interior is glossy, and exhibits a distinct substriation about the central parts. The posterior muscular scar is elongate, and situated under the dorsal line not quite half-way from the umbo to the end of the rostrum.

Length 26 mm., height $14\frac{1}{2}$, presumed diameter of the complete shell 12.

Habitat.—Station 73, a little west of the Azores, in 1000 fathoms; Pteropod ooze.

I have named this species in remembrance of the late T. V. Wollaston, who contributed so much to our knowledge of the fauna of the islands of the Atlantic. It is a