

PLATE II.

Figs. 1-3.—*Spirula (australis?)*, female ("Blake" specimen).

Fig. 1.—Ventral view.

Fig. 2.—Lateral left view.

Fig. 3.—Terminal (aboral) view.

Letters as in Pl. I.:—*aq.*, the papillæ for the opening of the kidneys; *cr.*, inner band of chromatophores; *I.*, infundibulum; *lpa.*, lateral pallial apophyses.

Figs. 4-7.—*Spirula peronii*, structure of the shell.

Fig. 4.—A septum, in face.

Fig. 5.—A longitudinal median section from near the anterior end.

Fig. 6.—A longitudinal section from near the apical end of the outermost whorl.

Fig. 7.—Apical chamber and posterior half whorl.

a. The cog-like processes of the apical end of the siphuncular tube in each chamber.

b. Inner or ventral thickening band.

c. Ligament-like body continued from the siphuncular cæcum to the wall of the initial chamber.

ch. Chamber; *ch*¹, first spherical chamber; *ch*², *ch*³, *ch*⁴, second, third, fourth chambers.

psph. Blind apical end of the shell siphuncle, or siphuncular cæcum.

sp. Septum.

sph. Prolongation of the septum into its siphuncular tube.