

PLATE XXXIII.

- Fig. 1. *MATTHEVIA VARIABILIS* Page. 222
- 1, 1*a*, 1*b*. Casts of the chamber of habitation and the inner chambers. The septa are seen at *s*, *s'*, and the outline of the shell is traced. Collection U. S. National Museum.
- 1*c*. End view of a conical specimen. The cast of an inner chamber and the relative thickness of the outer shell are shown; also, the character of the outer surface. Collection U. S. National Museum.
- 1*d*. Diagrammatic transverse section to show the shell (*a a*); the inner chambers (*c, c*); the chamber of habitation (*b*), and the septa (*s s*) between the latter and the inner chamber; (*x*), transverse section of the shell and inner chambers.
- 1*e*, 1*f*. Enlarged sections of the shell to show its peculiar vesiculose structure. The section (1*e*) is oblique to the axis of the shell, which gives it the irregular form. Collection U. S. National Museum.
- Fig. 2. *PALÆNIGMA WRANGELI* 221
- 2, 2*a*. Side view and section of summit of a specimen, the apex having been broken away.
- 2*b*. Summit view of what is probably the line of a septum.
- 2*c*. Side view of a smaller specimen than 2.
- 354 (1080)