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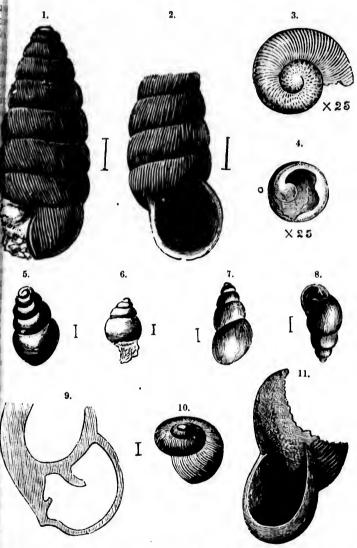


Fig. 1, Pupa vetusta, magnified 8 times lineally; 2, same, showing the aperture, $\times 8$; 3, same, nuclear whorl, $\times 25$; 4, same, nuature egg and embryo shell, $\times 25$. 5, 6, Pupa Bigsbii, $\times 8$. 7, Pupa Vermilionensis, $\times 8$; 8, same, showing sperture $\times 8$, the small tooth on the columella somewhat exaggerated; 9, same, section of aperture, showing tooth $\times 16$. 10, Zonites priscus, $\times 8$; 11, same, crushed specimen, showing aperture $\times 20$.