



Fig. 1, *Pupa retusta*, magnified 8 times lineally; 2, same, showing the aperture,  $\times 8$ ; 3, same, nuclear whorl,  $\times 25$ ; 4, same, mature egg and embryo shell,  $\times 25$ . 5, 6, *Pupa Bigsbyi*,  $\times 8$ . 7, *Pupa Vermilionensis*,  $\times 8$ ; 8, same, showing aperture  $\times 8$ , 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  $\times 20$ .