



FIG. 311.—Section of muscle fibers. Fiber in the center, with comparatively few bacteria around it, has gas bubbles in its center and a collection of gas beneath its sarcolemma. The other fibers show numerous forms of bacteria—Gram-positive and Gram-negative rods with terminal and subterminal spores and occasional cocci. This is a typical picture in putrefactive gangrene and indicates why it is difficult to determine the bacteria which produce it. Accession number 4705, Army Medical Museum. Negative number 46232. MacCallum stain; $\times 846$