



Fig. 6. Pygidial spine apices. A, Simple apex, *D. (A.) molesta*. B, Same as A showing detail of apex-spine articulation; note apical striae. C, Bipartite apex, *D. (A.) nigricans*. D, Tripartite apex, *D. (A.) molesta*.

the alimentary canal and is characterized by a chitinous ventral plate. Muscle fibers attach to both the ventral and dorsal pharyngeal surfaces. The intima or chitinous lining of the pharynx thins abruptly as it becomes the esophagus. Anterior to the brain the intima of the esophagus produces numerous hair-like spines that project into the lumen. These spines decrease