



FIGURE 11.22. Cross sections of Paleozoic thrombolites. (A) Vertically oriented fingers with variably developed laminae (black arrows) separated by patches of skeletal packstone (p). White arrows point to clusters of *Renalcis* encrusting sides of fingers. The scale bar is 50 mm. (B) An irregular-shaped cavity in a thrombolite filled with peloidal grainstone (white arrow) that grades up to a burrowed mudstone. Microbial precipitates are truncated at the cavity margins. The scale bar is 50 mm. (C) Clotted mudstone fabric characteristic of thrombolites. The scale bar is 50 mm. Dark clots comprise *Renalcis* and *Renalcis*-like structures interpreted as calcified microbes.