



FIGURE 11.17. Stromatolite cross sections. (A) Stromatolites nucleated on flat intraclasts of planar and cross-stratified peloidal grainstone, Cambrian of western Maryland. The scale bar is 50 mm. (B) Epoxy-resin-embedded uncemented stromatolites from the banks of a tidal channel on Andros Island. Laminae have accreted over a vertically oriented intraclast. The scale bar is 10 mm. (C) Branching (arrow) columnar stromatolites from the Proterozoic Taltheilei Formation, Northwest Territories, Canada (photograph courtesy of Paul Hoffman). (D) Conical stromatolites (so-called *Conophyton*) from the Proterozoic Dismal Lake Group (photograph courtesy of John Grotzinger).