



FIGURE 11.18. Plan views of stromatolites. (A) Cambrian “Petrified Sea Gardens,” Saratoga Springs, New York, branching ellipsoidal forms. (B) Exhumed elongated, columnar stromatolites from tidal-flat deposits of the Proterozoic Taltheilei Formation, Northwest Territories, Canada. The long axis is perpendicular to the paleoshoreline (photograph courtesy of Paul Hoffman). (C) A large Proterozoic stromatolite reef composed of elongated *Conophyton* stromatolites (Figure 11.17D). Glaciers have scoured the inter-mound fill. The airplane on the beach at the arrow provides scale. Beechy Formation, Northwest Territories, Canada (photograph courtesy of John Grotzinger).