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Heliotropically oriented subtidal columnar stromatolites in Hamelin Pool, Shark Bay, Western Australia. These stromatolites, forming in about 2 meters of water and built by a diatom-dominated microbial community, are inclined toward the north as evidenced by the inclined sunlight rays in the slightly turbid water. See page 1279. [S. M. Awramik, Department of Geological Sciences, University of California, Santa Barbara 93106]