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COVER

Transmission electron micrograph showing overlapping fibers of todorokite, a constituent of deep-sea manganese nodules and manganese ore deposits. The fine lines visible along the fibers result from long tunnels in the todorokite structure. Valuable metal atoms such as copper and iron are possibly situated in the tunnel walls of marine todorokites (about $\times 517,000$). See page 1024. [S. Turner and P. R. Buseck, Arizona State University, Tempe]

