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**COVER**

San Lucas Submarine Canyon, at the tip of Baja California, Mexico, is  
used as a natural laboratory for the study of how sediments move into the  
deep sea. Here, at a depth of 150 feet, sand set in motion by storm  
waves moves slowly down slope as a “river-of-sand.” The preferential  
orientation of filter-feeding gorgonian corals encrusting the granite walls  
reflects the prevailing downslope movement of organically rich bottom  
current generated by sand flows. See review of *Submarine Canyons and  
Other Sea Valleys*, page 1433 [U.S. Navy Electronics Laboratory, Robert  
E. Kirk].