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Sebastolobus alascanus. The muscle-type lactate dehydrogenase of this scorpænid fish is markedly more sensitive to moderate hydrostatic pressures than is the homologous enzyme of its deeper-living congener, Sebastolobus altivelis. Such pressure-adaptive differences may be important in establishing species depth zonation patterns in the sea. See page 255. [Thomas W. Okita, Scripps Institution of Oceanography, University of California, San Diego]