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ARTICLES

Atmospheric Research: A Powerful Concept Emerges: W. O. Roberts  

U.S. universities, aided by a new research center, now stress rigor, breadth, joint efforts.

Stability of the Myelin Membrane: J. S. O’Brien  

Lipid molecules may impart stability to the myelin membrane through intermolecular cohesion.

Quaternary Correlations across Bering Strait: D. M. Hopkins et al.  

Recent Soviet and American studies cast new light on the history of the Bering land bridge.


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Desalination: The Program Accelerates—Quackery: The Elderly Pay


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The flash of a single bioluminescent cell. The dinoflagellate Noctiluca milliars, stimulated electrically in total darkness by five brief pulses 15 milliseconds apart, produced a summated flash. Photography of the image was made possible by use of a five-stage image intensifier; an accelerating voltage of 36 kv amplified the intensity of the image approximately 900,000 times (¥ 270). See page 1140. [G. T. Reynolds, R. Eckert, and R. D. Allen]