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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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COVER

The flash of a single bioluminescent cell. The dinoflagellate Noctiluca miliaris, 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 (X 270). See page 1140. [G. T.
Reynolds, R. Eckert, and R. D. Allen]