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Long-Range Electronic Perturbations Caused by Defects Using Scanning Tunneling Microscopy: H. A. MIZES AND J. S. FOSTER
Adult mudpuppy (Necturus maculosus). This large aquatic salamander has been used frequently in physiological studies because cells throughout its body are exceptionally large. The eyes of this animal are used to show that glial cells in the retina normally buffer light-evoked changes in intraretinal potassium concentration. See page 578. [Photograph by W. B. Pavlik, Department of Psychology, University of Georgia].

562 Detection of C₅ in the Circumstellar Shell of IRC+10216: P. F. BERNATH, K. H. HINKLE, J. J. KEADY


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578 Spatial Buffering of Light-Evoked Potassium Increases by Retinal Müller (Glial) Cells: C. J. KARWOSKI, H.-K. LU, E. A. NEWMAN

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585 Synaptic Connections in Vitro: Modulation of Number and Efficacy by Electrical Activity: P. G. NELSON, C. YU, R. D. FIELDS, E. A. NEALE

590 Proceedings of a Workshop on Optical Surveys for Quasars, reviewed by D. C. KOO — Seabed Pockmarks and Seepages, K. A. KVENVOLDEN — The Bioinorganic Chemistry of Nickel, M. K. JOHNSON — Some Other Books of Interest — Books Received
Editor's Summary

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