This Week in Science

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EDITORIAL

Electric Power from the North

ARTICLES

The Sociogenesis of Insect Colonies: E. O. Wilson

The Unusual var1 Gene of Yeast Mitochondrial DNA: R. A. Butow, P. S. Perlman, L. I. Grossman

Organization of Ion Channels in the Myelinated Nerve Fiber: S. G. Waxman and J. M. Ritchie

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Italian Science and the “Rubbia Effect”

Slowdown Urged in High Energy Physics

A Guarded Endorsement for Shock Therapy

New Directions for the Smithsonian

IOM Elects New Members

Briefing: U.S.—India Science Accords Renewed; Plans for Big Science Facilities Scrutinized; Cyclamate’s Safety Still Unresolved; Comings and Goings; Gore Seeks to Resurrect Bioethics Commission

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Making Mutant Mice by Gene Transfer

How Do Proteins Find Mitochondria?

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COVER

Articulate brachiopods (three Terebratalia transversa, curved gapes) and other suspension-feeding marine benthos on steep 70 degree rock, Turn Rock, San Juan Channel, Washington (depth, 70 feet). Yellow scallop (Chalmyis) with marginal eyes; six ecdysteroid-like plated holothurians (Psolus chitonoides, salmon color), three with crimson feeding podia extended; single orange solitary coral (Balanophyllia elegans) and branched bryozoan, both above the scallop. Purple crust is coralline alga Lithothamnion. (Field of view about 10 centimeters wide). See page 1527. [Charles W. Thayer, Department of Geology, University of Pennsylvania, Philadelphia 19104]