This Week in Science

Evolving State-University-Industry Relations

Archeology Congress: V. Pretorius; T. C. Patterson and P. L. Kohl; Complexity: B. R. Fink

Proposed New Psychiatric Diagnoses Raise Charges of Gender Bias

Fiscal Neglect Breeds Problems for Seed Banks

Limited ASAT Proposal Gains Backers

Briefing: Fossil Research Faces Sharp Cutbacks in '87; Acid Rain Plan Draws Mixed Review; Nuclear Testing Up Sharply Under Reagan; Rancho Seco Reactor Suffers Another Mishap

Shakespeare's New Poem: An Ode to Statistics

Is Cygnus X-3 a Quark Star?

The Sun Is Fading

Briefing: Cell Lineages Traced in Zebrafish Embryos; Bell Labs Transistor Sets a Speed Record

The Origin of the Moon: A. P. Boss

Electrons in Silicon Microstructures: R. E. Howard, L. D. Jackel, P. M. Mankiewich, W. J. Skocpol

Optical Activity and Ferroelectricity in Liquid Crystals: J. W. Goodby

Selenium in Organic Synthesis: D. Liotta and R. Monahan III

The 1985 Nobel Prize in Chemistry: W. A. Hendrickson

Tissue-Specific Cell Lineages Originate in the Gastrula of the Zebrafish: C. B. Kimmel and R. M. Warga

Ingestion of Petroleum by Seabirds Can Serve as a Monitor of Water Quality: P. D. Boersma

Retinal Dystrophy: Development Retarded by Galactose Feeding in Spontaneously Hypertensive Rats: R. N. Frank, R. J. Keirn, G. V. Keirn, M. A. Mancini, J. K. Khoury
COVER East Amatuli Island, one of the Barren Islands in the northern part of the Gulf of Alaska, is home to several hundred thousand fork-tailed storm-petrels that return to the island only at night. Regional water quality can be monitored by collecting storm-petrel regurgitate and analyzing it for the presence or absence of fossil fuel hydrocarbons. See page 373. [P. Dee Boersma, Institute for Environmental Studies, University of Washington, Seattle 98195]