Max Born: Another Impression: G. V. R. Born; Two-Career Job Hunting: C. T. Waldridge; Nuclear Accident: W. A. Lochstet; Phenacetin Studies: J. B. Vaught and C. M. King

New Magazine: Opportunity for the Membership: K. E. Boulding

The 46° Halo and Its Arcs: R. G. Greener et al.

Endothermy and Activity in Vertebrates: A. F. Bennett and J. A. Ruben


Recombinant DNA: Warming Up for Big Payoff

Supreme Court to Say if Life Is Patentable

New Strength in the Diet-Disease Link?

Crick Looks Back on DNA

Briefing: RFF Back on Its Feet; Nevada Closes Low-Level Radioactive Waste Dump; Helms and Colby Clash on Sharing CIA Data; Harvard Medicine Takes a Lesson from Dalai Lama.

Is a Diamond Really Forever?

What Is Unified in Unified Field Theories

The Visible College, reviewed by A. Thackray; Disturbing the Universe, G. B. Field; Dynamics of the Solar System, J. D. Mulholland; Aspects of Diagenesis, D. L. Graf; Asbestos and Disease, D. H. Wegman; Books Received.

Experimental Coarsening of Antiphase Domains in a Silicate Mineral:
M. A. Carpenter

Carbon-14 Dating of Small Samples by Proportional Counting: G. Harbottle,
E. V. Sayre, R. W. Stoenner

Chrysotile Asbestos in a California Recreational Area: W. C. Cooper et al.

Fossil Counterparts of Giant Penguins from the North Pacific: S. L. Olson and
Y. Hasegawa

Angular Invariants in Developing Human Mandibles: R. L. Webber and H. Blum

A New Mineralized Layer in the Hinge of the Oyster: M. R. Carriker and
R. E. Palmer

Xenopus Liver: Ontogeny of Estrogen Responsiveness: J. K. Skipper and
T. H. Hamilton

Phase Resetting and Annihilation of Pacemaker Activity in Cardiac Tissue:
J. Jalife and C. Antzelevitch

Lectin-Induced Mucus Release in the Urn Cell Complex of the Marine Invertebrate
Sipunculus nudus (Linnaeus): S. V. Nicosia

Calcium Dependence of Toxic Cell Death: A Final Common Pathway:
F. A. X. Schanne et al.

Rapid Killing of Single Neurons by Irradiation of Intracellularly Injected Dye:
J. P. Miller and A. I. Selverston

Monocular Light Exclusion for a Period of Days Reduces Directional Sensitivity
of the Human Retina: J. M. Enoch, D. G. Birch, E. E. Birch

Microsecond Sensitivity of the Human Visual System to Irregular Flicker:
A. L. Diamond

Phase Advance of the Circadian Sleep-Wake Cycle as an Antidepressant:
T. A. Wehr et al.

Functional Organization of Lateral Geniculate Cells Following Removal of
Visual Cortex in the Newborn Kitten: E. H. Murphy and R. Kalil

Molecular Microanalysis of Pathological Specimens in situ with a Laser-Raman
Microprobe: J. L. Abraham and E. S. Etz

HPLC Column Packer; Densitometer and Spotter for Thin-Layer Chromatography;
Scanning Electron Microscope; Ventilator for Small Animals; Gel
Electrophoresis System; Immunoreagents; Automated HPLC; Literature

**PRODUCTS AND MATERIALS**

**COVER**

Reconstruction of the largest species in the fossil family Plotopteridae, shown
to scale with the outline of the largest living penguin. These giant seabirds
inhabited the North Pacific about 30 million years ago. They were flightless and
had paddle-like wings similar to penguins, but belong to the unrelated order
Pelecaniformes. See page 688. [B. Dalzell, Rockville, Maryland]