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The Quest for the Origin of the Elements: W. A. Fowler
Nucleosome Reconstruction via Phosphorus Mapping: G. Harauz and F. P. Ottensmeyer
The Dark Night-Sky Riddle: A "Paradox" That Resisted Solution: E. R. Harrison

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BOOK REVIEWS

Informed Consent, reviewed by J. A. Robertson; Avoiding Inadvertent War, V. Rittberger; Ocean Tides, M. Hendershott; Adaptive Responses of Native Amazonians, O. F. Linares; Books Received.

REPORTS

Biological Communities at the Florida Escarpment Resemble Hydrothermal Vent Taxa: C. K. Paull et al.

Salivary Proline-Rich Protein Genes on Chromosome 8 of Mouse: E. A. Azen et al.


Functional Insertion of an Alu Type 2 (B2 SINE) Repetitive Sequence in Murine Class I Genes: M. Kress et al.

Antidepressants Cause Lethal Disruption of Membrane Function in the Human Protozoan Parasite Leishmania: D. Zilberstein and D. M. Dwyer.

A Single Tropin T Gene Regulated by Different Programs in Cardiac and Skeletal Muscle Development: T. A. Cooper and C. P. Ordahl.

Modulation of the Metastatic Activity of Melanoma Cells by Laminin and Fibronectin: V. P. Terranova et al.

Inhibitors of Lysosomal Enzymes: Accumulation of Lipofuscin-Like Dense Bodies in the Brain: G. O. Ivy et al.

Novel Pharmacology of Substance K-Binding Sites: A Third Type of Tachykinin Receptor: S. H. Buck et al.

The Spiracular Organ of Sharks and Skates: Anatomical Evidence Indicating a Mechanoreceptive Role: M. A. Barry and R. L. Boord.


COVER

The Creation of the World (genesis mundi) from the four-volume encyclopedia on human knowledge (Utri víisque cosm i ma joris, 1617–1619) by Robert Fludd, a distinguished physician of early 17th-century London. At the center are Adam and Eve in the earthly paradise, surrounded by the celestial spheres, the sphere of star, and the outermost sphere—the empyrean—of purest fire. The Copernican Revolution overthrew this medieval cosmography, but the Cartesians and Newtonians retained the principle of theistic creation of a universe of finite age. See page 940. [From The Cosmographical Glass: Renaissance Diagrams of the Universe, by S. K. Heninger, The Huntington Library, San Marino, California, 1977]
Editor's Summary

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