BOOK REVIEWS
Direct Nuclear Reactions and Direct Nuclear Reactions, reviewed by P. D. Kunz; Concepts of Particle Physics, H. A. Weldon; Amedeo Avogadro, S. Pierson; Social Cognition, E. E. Jones; Books Received ............................ 431

REPORTS
Energy Conservation Through More Efficient Lighting: J. Maya et al. ............................ 435
Iridium Anomaly in the Upper Devonian of the Canning Basin, Western Australia: P. E. Playford et al. ............................ 437
A New Basis for Recognizing the Paleocene/Eocene Boundary in Western Interior North America: S. L. Wing .......................................................... 439
Cretaceous-Paleocene Terrestrial Faunas of India: Lack of Endemism During Drifting of the Indian Plate: A. Sahni ......................................................... 441
A Conformationally Constrained Vasopressin Analog with Antidiuretic Antagonistic Activity: G. Skala et al. .......................................................... 443
Estrogen-Dependent Leydig Cell Protein Recognized by Monoclonal Antibody to MCF-7 Cell Line: D. R. Ciocca and M. L. Dufau ........................................ 445
HTLV-III in Saliva of People with AIDS-Related Complex and Healthy Homosexual Men at Risk for AIDS: J. E. Groopman et al. ........................................ 447
HTLV-III in Cells Cultured from Semen of Two Patients with AIDS: D. Zagury et al. .......................................................... 449
HTLV-III in the Semen and Blood of a Healthy Homosexual Man: D. D. Ho et al. .......................................................... 451
Prevalence of Antibodies to Lymphadenopathy-Associated Retrovirus in African Patients with AIDS: F. Brun-Vezinet et al. ........................................ 453
Alteration of T-Cell Functions by Infection with HTLV-I or HTLV-II: M. Popovic et al. .......................................................... 459
Separation of Morphine Analgesia from Physical Dependence: G. S. F. Ling et al. .......................................................... 462
Growth Hormone-Releasing Factor: Direct Effects on Growth Hormone, Glucose, and Behavior via the Brain: G. S. Tannenbaum .......................................................... 464
Adriamycin-Induced DNA Damage Mediated by Mammalian DNA Topoisomerase II: K. M. Tewey et al. .......................................................... 466

COVER
Three-dimensional surface reconstructions of a 30-million-year-old fossil mammal (Stenopsochoerus) generated from serial computerized tomography scans of its skull. Both euto- and endocranial stone matrix have been "removed" (made transparent) by computer methods to reveal the true osseous contours of the fossil. See page 456. [Photograph by C. Ungar in collaboration with M. Vannier, Washington University School of Medicine, St. Louis, Missouri 63110]