REPORTS

Visual Sensations Induced by Cerenkov Radiation: P. J. McNulty, V. P. Pease, V. P. Bond. ........................................ 453

High-Pressure Phase Transformation of CaSO₄ (Anhydrite) During a Nuclear Explosion: J. S. Kahn ........................................ 454


Solar Proton Events: Stratospheric Sources of Nitric Oxide: P. J. Crutzen, I. S. A. Isaksen, G. C. Reid ........................................ 457

Turquoise Mine and Artifact Correlation for Snaketown Site, Arizona: A. C. Sigle ........................................ 459

Climatic Change: Are We on the Brink of a Pronounced Global Warming?: W. S. Broecker ........................................ 460

Chlorinated Hydrocarbon Pollutants and Photosynthesis of Marine Phytoplankton: A Reassessment: N. S. Fisher ........................................ 463

Mouse Mammary Tumors: Alteration of Incidence as Apparent Function of Stress: V. Riley ........................................ 465

Cyclic AMP and Cyclic GMP: Mediators of the Mechanical Effects on Bone Remodeling: G. A. Rodan et al. ........................................ 467

Membrane Protein Analysis by Two-Dimensional Immunoelectrophoresis: C. A. Converse and D. S. Papernost ........................................ 469

Enteropancreatic Circulation of Digestive Enzymes: C. Liebow and S. S. Rothman ........................................ 472

Coexistence of Sparrows: A Test of Community Theory: H. R. Pulliam ........................................ 474

Nectar Fluorescence under Ultraviolet Irradiation: R. W. Thorp et al. ........................................ 476


Central Projection of Optic Tract from Translocated Eyes in the Leopard Frog (Rana pipiens): M. Constantine-Paton and R. R. Capranica ........................................ 480

PRODUCTS AND MATERIALS

Infrared Thermometer: Chromatography Adsorbents and Supports; Current Measuring System: Sonic Digitizer; X-ray Spectrometer; Marine Radar; Chromatography Metering Pump; Film Balance; Literature ........................................ 483

COVER

Portion of central China. Lines on side show trend of the Altyn Tagh (alternatively Astin Tagh or A erh chin) fault, perhaps the greatest active continental strip-slip fault in the world. See page 419. [ERTS photo (8) No. 14-490-40625-A0]