Auroral-Particle Precipitation and Trapping Caused by Electrostatic Double Layers in the Ionosphere: R. D. Albert and P. J. Lindstrom .......................... 1398

Is Ozone Trapped in the Solid Carbon Dioxide Polar Cap of Mars?:
H. P. Broida et al. .......................... 1402

Jurassic Sandstone from the Tropical Atlantic: P. J. Fox, B. C. Heezen,
G. L. Johnson .......................... 1402

Specificity of Antigen Recognition by Human Lymphocytes in vitro: D. C. Zoschke
and F. H. Bach .......................... 1404

Cytotoxicity: Specificity after in vitro Sensitization: S. Solliday and F. H. Bach .......................... 1406

Postembryonic Development of Adult Motor Patterns in Crickets: A Neural
Analysis: D. R. Bentley and R. R. Hoy .......................... 1409

Fluorocitrate Inhibition of Aconitase: Relative Configuration of Inhibitory Isomer
by X-ray Crystallography: H. L. Carrell et al. .......................... 1412

Threonine Deaminase: A Novel Activity Stain on Polyacrylamide Gels:
R. S. Feldberg and P. Datta .......................... 1414

A Thermophilic, Acidophilic Mycoplasma Isolated from a Coal Refuse Pile:
G. Darland et al. .......................... 1416

Tongue Cooling: A New Reward for Thirsty Rodents: J. Mendelson and D. Chillag
1418

Adenyl Cyclase of Cultured Mammalian Cells: Activation by Catecholamines:
M. H. Makman .......................... 1421

Visual Adaptation in Monkey Cones: Recordings of Late Receptor Potentials:
R. M. Boynton and D. N. Whitten .......................... 1423

Superior Colliculus: Single Unit Responses to Stimulation of Visual Cortex in the
Cat: J. T. McIlwain and H. L. Fields .......................... 1426

Visual Discrimination of Movement: Midbrain or Forebrain? C. R. Hamilton
and J. S. Lund .......................... 1428

A. P. Sanders et al.; Asteroid Landing: J. H. Guth; H. Alivén and G. Arhenius;
Ionic Character of Bonds in Crystals: L. Pauling; J. C. Phillips .......................... 1430

Water droplets are ejected through pores on the outer ice shell of a freezing supercooled water drop. Some of the droplets are frozen by contact with the splinters of the frozen drop. See page 1395. [Roger J. Cheng, State University of New York, Albany]