Editorial
1489 Global Economic Competition

Letters

News & Comment
1493 A Revisionist Look at Population and Growth Environment and Development
1495 Experts Ponder Effect of Pressures on Shuttle Blowup Flight Rate Pressures NASA Faces Budget Crunch
1498 NAE Elects New Members

Research News
1502 Giotto Finds a Big Black Snowball at Halley
1504 First Image from SPOT
1504 Briefing: AIDS Drug Shows Promise in Preliminary Clinical Trial Fetal Mini-Brain in Peripheral Nerve
1506 Solving Knotty Problems in Math and Biology

Articles
1515 Cell Line Segregation During Peripheral Nervous System Ontogeny: N. M. LE DOUBAR
1522 Elementary Particle Physics and the Superconducting Super Collider: C. QUIGG and R. F. SCHWITTERS
1528 Biological Extinction in Earth History: D. M. RAUP

Research Articles
1534 Heterogeneous Nuclear Ribonucleoproteins: Role in RNA Splicing: Y. D. CHOI, P. J. GRABOWSKI, P. A. SHARP, G. DREYFUS

Reports
1540 Acid Dissolution Experiments: Carbonates and the 6.8-Micrometer Bands in Interplanetary Dust Particles: S. A. SANDFORD
1542 Cometary Particles: Thin Sectioning and Electron Beam Analysis: J. P. BRADLEY and D. E. BROWNLEE
1544 A Carbonate-Rich, Hydrated, Interplanetary Dust Particle: Possible Residue from Protostellar Clouds: K. TOMEOKA and P. B. BUSECK


1559 Platelet Membrane Glycoprotein Ib/IIa: Member of a Family of Agrp-Gly-Asp-Specific Adhesion Receptors: R. Petteia, M. D. Pierschbacher, M. H. Ginsberg, E. F. Fliw, E. Rusolati

1562 Distribution of Protein and RNA in the 30S Ribosomal Subunit: V. Ramakrishnan


1567 Nucleotide Sequence of SRV-1, a Type D Simian Acquired Immune Deficiency Syndrome Retrovirus: M. D. Power, P. A. Marx, M. L. Bryant, M. B. Gardner, P. J. Barr, P. A. Luciw

1572 Inhibition of Vasopressin Action by Atrial Natriuretic Factor: M. A. Dillingham and R. J. Anderson


1580 HTLV-III gag Protein Is Processed in Yeast Cells by the Virus pol-Protease: R. A. Kramer, M. D. Schaber, A. M. Skalka, K. Ganguly, F. Wong-Staal, E. P. Reddy


**AAAS Meetings**

1586 Annual Meeting: Welcome to Philadelphia; Preconvention Program; Tours; Science & Technology Exhibition; Meeting Information; Registration & Reservation Forms; Call for Symposium Proposals

**Book Reviews**

1610 Neurobiology of Arachnids, reviewed by N. J. Strausfeld • Gulls and Plovers, R. Ydenberg • Gentlemen of Science, M. Rudwick • Books Received

**Products & Materials**

1612 Peptide and Protein Separation • Electron Detector • Analyzer for Thiols and Disulfides • Incubation Tray • Rodent Surgery • Shaker Platform • Micropositioning Unit • Literature
Science 231 (4745), 1487-1612.