LETTERS
Uranium Enrichment: C. D. Cantrell; Clean Air by 1975?: J. P. Lodge; Sex
Preselection: M. S. Frankel; Airships: T. P. Bond; The Creative Process:
L. L. Schwartz; S. Machlis .......................... 1109

EDITORIAL
World Population: World Responsibility: M. Mead .......................... 1113

ARTICLES
Classification: Purposes, Principles, Progress, Prospects: R. R. Sokal ............... 1115
Judgment under Uncertainty: Heuristics and Biases: A. Tversky and D. Kahneman .... 1124
Rural Health Care in Mexico?: L. Caicedo .......................... 1131

NEWS AND COMMENT
Safeguard: Disputed Weapon nears Readiness on Plains of North Dakota .......... 1137
Plutonium (II): Watching and Waiting for Adverse Effects .......................... 1140
NAS Okays Auto Emission Standards ........................................... 1142
UN Conferences: Topping Any Agenda Is the Question of Development .......... 1143

RESEARCH NEWS
Modeling the Climate: A New Sense of Urgency .................................. 1145
Planetary Science: First Meeting on Moons of the Solar System ................. 1147

ANNUAL MEETING
Science and the Quality of Life: A. Herschman; Preliminary Program; Registration
and Housing Forms .............................................. 1149

BOOK REVIEWS
Competition and the Structure of Bird Communities, reviewed by G. H. Orians;
A Psychology of Picture Perception, L. A. Cooper; Essays on the Nervous System,
M. E. Scheibel and A. B. Scheibel; The Physicist's Conception of Nature,
F. Dyson; Books Received ........................................ 1150
Reports

Atomic Images by Electron-Wave Holography: L. S. Bartell and C. L. Ritz ........ 1163
Stratospheric Ozone Destruction by Man-Made Chlorofluoromethanes:
R. J. Cicerone, R. S. Stolarski, S. Walters ............. 1165
Methane Production in the Interstitial Waters of Sulfate-Depleted Marine
Sediments: C. S. Martens and R. A. Berner ............. 1167
Melatonin: Its Inhibition of Pineal Antagonadotropic Activity in Male
Hamsters: R. J. Reiter et al. ........................................ 1169
Rod Origin of Prolonged Afterimages: D. I. A. MacLeod and M. Hayhoe ........ 1171
Lymphocytic Choriomeningitis in a Hamster Colony Causes Infection of
Hospital Personnel: J. Hoichin et al. ...................... 1173
Renal Lysosomes: Role in Biogenesis of Erythropoietin: R. M. Libbin,
P. Person, A. S. Gordon ............................................. 1174
Topology of the Outer Segment Membranes of Retinal Rods and Cones Revealed
by a Fluorescent Probe: S. Yoshikami, W. E. Robinson, W. A. Hagins .......... 1176
Centric Fusion, Satellite DNA, and DNA Polarity in Mouse Chromosomes:
M. S. Lin and R. L. Davidson .............................. 1179
Pulmonary Alveolar Hypoxia: Release of Prostaglandins and Other Humoral
Mediators: S. I. Said et al. ......................................... 1181
Technical Comments: Nuclear Waste Disposal in the Oceans: S. O. Nielsen;
D. J. Rose and A. S. Kuba; Wilson's Disease and Copper-Binding Proteins:
I. H. Scheinberg; G. W. Evans; Subsidence of Venice: Predictive Difficulties:
J. T. Christian and R. C. Hirschfeld .......................... 1183

Products and Materials

Mouse Operating Table; Gas Chromatography–Mass Spectrometry Data System;
Vibration-Free Laboratory Table; Literature .................. 1186

Cover

Contemporary Chinese artist showing foreign soldiers pillaging during the
Opium War. Members of different cultures may perceive diverse racial differen
tiae, which may or may not have objective bases. See page 1115 and
Figs. 1 and 2. [F. Mineta, History of the War of 1840–1842 (in Japanese
translated from the Chinese)]