LETTERS
Asbestos Legislation: M. Fenwick; R. J. Smith; Nitrite Study: P. G. Roehrig

EDITORIAL
Promotion and Limitation of Genetic Exchange: W. Arber

ARTICLES
Pituitary Hormones in Brain: Where, How, and Why?: D. T. Krieger and A. S. Liotta

NEWS AND COMMENT
Senate Skeptical on SALT Verification
Briefing: A Warning on Synfuels, CO₂, and the Weather: Oh, Sweet
CONAES, Where Art Thou?
What Can Government Do for Innovation?
Snapshots of Camp David

RESEARCH NEWS
New Instrument Decodes Astronomical Signals
SO₂ Pollution May Be Good for Plants

BOOK REVIEWS
Otto Warburg, reviewed by J. T. Edsall: Distortions of Agricultural Incentives,
C. P. Timmer: The Psychology of Person Identification, E. Loftus: Sensory
Biology of Sharks, Skates, and Rays, G. Nelson

REPORTS
Algal Fossils from a Late Precambrian, Hypersaline Lagoon: D. Z. Oehler,
J. H. Oehler, A. J. Stewart
Isotope Selectivity of Infrared Laser-Driven Unimolecular Dissociation of a Volatile Uranyl Compound: D. M. Cox et al. .......................................................... 390
Sulfur Volcanoes on Io: G. J. Consolmagno .......................................................... 397
Samarium-Neodymium Systematics in Kimberlites and in the Minerals of Garnet Lherzolite Inclusions: A. R. Basu and M. Tatsumoto ................................. 398
Flash X-ray Microscopy: R. McCorkle et al. .......................................................... 401
Rainfall Changes in Summer Caused by St. Louis: S. A. Changnon, Jr. .................. 402
Permeability of the Cell-to-Cell Membrane Channels in Mammalian Cell Junction: J. Flagg-Newton, I. Simpson, W. R. Loewenstein ........................................ 404
Preferential Transmission of the Z Deficient Allele of $\alpha_1$-Antitrypsin: C. Chapuis-Cellier and P. Arnaud .......................................................... 407
Erythrosin B Inhibits Dopamine Transport in Rat Caudate Synaptosomes: J. A. Laffermand and E. K. Silbergeld .......................................................... 410
Adaptive Female-Mimicking Behavior in a Scorpionfly: R. Thornhill ................. 412
Opioid Peptides May Excite Hippocampal Pyramidal Neurons by Inhibiting Adjacent Inhibitory Interneurons: W. Zieglgansberger et al. ..................... 415
Appetitive Learning in 1-Day-Old Rat Pups: I. B. Johanson and W. G. Hall ........ 419

PRODUCTS AND MATERIALS
Luminescence Measurement; Programmable Dispensing Pump; Laser Scanning Densitometer; Detector for Proteolytic Enzymes; Pump for Small Volumes; Blood Chemistry Analyzer; pH-Temperature Meter; Literature. .................... 426

The American Association for the Advancement of Science was founded in 1848 and incorporated in 1874. Its objects are to further the work of scientists, to facilitate cooperation among them, to foster scientific freedom and responsibility, to improve the effectiveness of science in the promotion of human welfare, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.

COVER
Lightning flash over Gateway Arch in St. Louis, Missouri. Statistical tests of the summer rainfall distribution in the St. Louis area reveal that values downwind of the city are significantly higher than those of surrounding areas. These results support the idea that major urban areas increase summer rainfall. See page 402. [James T. Van Horn, St. Louis, Missouri]
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**  Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/205/4404.citation

**Permissions**  Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl

---

*Science* (print ISSN 0036-8075; online ISSN 1095-9203) is published weekly, except the last week in December, by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. Copyright 2016 by the American Association for the Advancement of Science; all rights reserved. The title *Science* is a registered trademark of AAAS.