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Measured Trends in Stratospheric Ozone
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The Insanity Defense and Mental Illness: W. T. Carpenter and J. R. Rappeport; M. Sabshin, H. A. Pincus, W. Davis; P. R. Marques; B. J. Ballermann; D. E. Kosland, Jr. • Effects of Low Levels of Lead Exposure: J. F. Rosen; H. L. Needleman

SCIENCESCOPE

Epidemiologists head down to the farm; etc.

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RANDOM SAMPLES

Saving Forests With Their Own Medicine • A 100% Certifiable Massive Black Hole? • $10 Million for Ukraine Scientists • El Niño Still on the Prowl • Thousands of Insects 'Enroll' at Yale; etc.

BOOK REVIEWS

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PRODUCTS & MATERIALS

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Illustration of one site in the proposed Laser Interferometer Gravitational-Wave Observatory (LIGO). The LIGO facilities will consist of two such interferometers located at widely dispersed sites; scientists hope LIGO will be able to detect gravitational waves emanating from collisions of black holes and neutron stars. See page 325. A special section in this issue of Science focuses on large scale measurements; see the Editorial and pages 316 to 349. [Illustration: Ruth Sofair Ketler]

RESEARCH ARTICLE

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I. Wong and T. M. Lohman

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Recognition of Paleobiochemicals by a Combined Molecular Sulfur and Isotope Geochemical Approach

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An Efficient Antibody-Catalyzed Aminoaoylation Reaction
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Calcium-Regulated Phosphorylation Within the Leucine Zipper of C/EBPβ
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Alternative Forms of Max as Enhancers or Suppressors of Myc-Ras Cotransformation
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Nucleoid Condensation in Escherichia coli That Express a Chlamydia Histone Homolog
C. E. Barry III, S. F. Hayes, T. Hackstadt

Reciprocal Regulation of Adipogenesis by Myc and C/EBPα
S. O. Freytag and T. J. Geddes

Cell Cycle–Regulated Binding of c-Abl Tyrosine Kinase to DNA
E. T. Kipreos and J. Y. J. Wang

Appearance of Water Channels in Xenopus Oocytes Expressing Red Cell CHIP28 Protein
G. M. Preston, T. P. Carroll, W. B. Guggino, P. Agre

Indicates accompanying News story or Perspective

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