NEWS & COMMENT

NSF Gears Up for a Building Boom 1516
NIH Adds to the Facilities Boom 1517
USDA Holds Up Grants to Make a Political Point 1518
EPA Campaigns for Safer Chemicals 1519
Agreements Set Rules of the Road for Global Collaboration 1520
Ecologists Draft Plan to Dig in the Dirt 1521

RESEARCH NEWS

Triggering the First Line of Defense 1522
A New Way of Seeing Proteins in Motion 1525
Tuna Stocks: East Meets West 1525
Astronomers Gossip About the (Cosmic) Neighborhood 1526
Climate Modeling’s Fudge Factor Comes Under Fire 1528

POLICY FORUM

C. S. Baker and S. R. Falumi

PERSPECTIVES

Thumbs Up for Our Early Ancestors 1540
L. C. Aiello
Attractive Axon Guidance Molecules 1541
H. Haier and F. Bonhoeffer

ARTICLES

First Images of Asteroid 243 Ida 1543

Catastrophes, Phase Shifts, and Large-Scale Degradation of a Caribbean Coral Reef 1547
T. P. Hughes

REPORTS

Simultaneous Observation of Columnar Defects and Magnetic Flux Lines in High-Temperature Bi2Sr2CaCu2O8 Superconductors 1552
H. Dai, S. Yoon, J. Liu, R. C. Budhani, C. M. Lieber

DEPARTMENTS

THIS WEEK IN SCIENCE 1505
EDITORIAL 1507
LETTERS 1509

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Owen N. Witte
William A. Wulf

1502

SCIENCE • VOL. 265 • 9 SEPTEMBER 1994

1522

New route for vaccines

1538

Illegal whaling gets marked
Hominid hand bones from Swartkrans Cave, South Africa. Comparative anatomy of the thumb, from *Paranthropus robustus* (about 1.8 million years ago), shows that this hominid could use tools. Other hominids found along with tools in deposits younger than 2.5 million years ago also evidently could use tools, but hominids that predate the appearance of tools lack the anatomical hallmarks of tool use. See page 1570 and the Perspective on page 1540. [Photo: Randall L. Susman]

Lattice Location of Trace Elements  
**Within Minerals and at Their Surfaces with X-ray Standing Waves**  
Y. Qian, N. C. Sturchio, R. P. Chiarello, P. F. Lyman, T.-L. Lee, M. J. Bedzyk  
Reduction of Permeability in Granite at Elevated Temperatures  
D. E. Moore, D. A. Lockner, J. D. Byerlee  
Grain Size–Dependent Alteration and the Magnetization of Oceanic Basalts  
D. V. Kent and J. Gee  
Rapid Emplacement of Young Oceanic Lithosphere: Argon Geochronology of the Oman Ophiolite  
B. R. Hacker  
Milankovitch Forcing of the Last Interglacial Sea Level  
T. J. Crowley and K.-Y. Kim  
Carbon Dioxide Supersaturation in the Surface Waters of Lakes  
Fossil Evidence for Early Hominid Tool Use  
R. L. Susman  
Requirement of Transcription Factor PU.1 in the Development of Multiple Hematopoietic Lineages  
E. W. Scott, M. C. Simon, J. Anastasi, H. Singh  
Direct Observation of Enzyme Activity with the Atomic Force Microscope  
M. Radmacher, M. Fritz, H. G. Hansma, P. K. Hansma  
Detection of Endogenous Malondialdehyde-Deoxyguanosine Adducts in Human Liver  
Control of Angiogenesis in Fibroblasts by p53 Regulation of Thrombospondin-1  
K. M. Dameron, O. V. Volpert, M. A. Tainsky, N. Bouck  
Mutations in aquaporin-1 in Phenotypically Normal Humans Without Functional CHIP Water Channels  
G. M. Preston, B. L. Smith, M. L. Zeidel, J. J. Moulds, P. Agre  
Reduced Rate of Disease Development After HIV-2 Infection as Compared to HIV-1  
Analysis of Sequence Transfers Resembling Gene Conversion in a Mouse Antibody Transgene  
B. Xu and E. Selsing  
Involvement of Nitric Oxide in the Elimination of a Transient Retinotectal Projection in Development  
H. H. Wu, C. V. Williams, S. C. McLoon  
Activation of the Sphingomyelin Cycle Through the Low-Affinity Neurotrophin Receptor  
R. T. Dobrowsky, M. H. Werner, A. M. Castellino, M. V. Chao, Y. A. Hannun

**TECHNICAL COMMENTS**

Entropic Elasticity of λ-Phase DNA  
C. Bustamante, J. F. Marko, E. D. Siggia, S. Smith

Explicit and Implicit Learning and Maps of Cortical Motor Output  
M. A. Stadler; A. Pascual-Leone, J. Grafman, M. Hallett

Indicates accompanying feature

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The issue of *Science* for September 9, 1994, contains several technical comments on various topics, including entropic elasticity of λ-phase DNA and explicit and implicit learning and maps of cortical motor output. The cover of the journal features an article on the detection of endogenous malondialdehyde-deoxyguanosine adducts in human liver, which may provide insight into the correlation between tool use and hominin evolution. The article on the hominid hand bones from Swartkrans Cave, South Africa, suggests that hominids could use tools as early as 2.5 million years ago, challenging the assumption that the appearance of tools marks the first use of tools by hominids.
Editor's Summary

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