**NEWS & COMMENT**

Genetic Diversity Project Tries Again
An African-American Diversity Project

Roche Institute Moves West

PCAST Plunges Into Its Work

Vaccine Shows Promise in Tanzania Test

New Missions Focus on Sun, Galaxies

Is the Fix in on Fermat's Last Theorem?

Britain Takes First Step in Ph.D. Reform

Liability Concerns Threaten Medical Implant Research

Early Budget Proposals for NIH Draw Fire

**RESEARCH NEWS**

DNA Repair Comes Into Its Own

Dino Embryo Recasts Parents' Image

Playing Hide-and-Seek With a Pulsar

Putting X-ray Lasers on the Table

Archaeology: Clashing Maya Superpowers Emerge From a New Analysis

**POLICY FORUMS**

Producing the Finest Scientists and Engineers for the 21st Century
M. Lowe Good and N. F. Lane

**DEPARTMENTS**

THIS WEEK IN SCIENCE
EDITORIAL
LETTERS


**DEPARTMENTS**

Gaspar • Ordering Systems: E. Mayr; S. Renner

**DEPARTMENTS**

RANDOM SAMPLES

BOOK REVIEWS

Minds for the Making, reviewed by C. W. Anderson • Becoming a Scientist in Mexico, B. Ortiz de Montellano • Vignettes • Books Received

PRODUCTS & MATERIALS

European Union: Fresh Tracks for Academic Exchanges
B. Frost-Smith

**PERSPECTIVE**

Ecological Character Displacement
P. R. Grant

**ARTICLES**

Nature of Stress on the Atomic Level in Dense Polymer Systems
J. Gao and J. H. Weiner

Fragmentation and Flow Regulation of River Systems in the Northern Third of the World
M. Dynesius and C. Nilsson

**RESEARCH ARTICLE**

Crystal Structure of LacI Membrane, PurR, Bound to DNA: Minor Groove Binding by α-Helices
M. A. Schumacher, K. Y. Choi, H. Zalkin, R. G. Brennan

**REPORTS**

Direct Measurement of the Forces Between Complementary Strands of DNA
G. U. Lee, L. A. Chrisey, R. J. Colton

Use of Taylor-Aris Dispersion for Measurement of a Solute Diffusion Coefficient in Thin Capillaries
M. S. Bello, R. Rezzonico, P. G. Righetti

**Board of Reviewing Editors**

Frederick W. Alt
Don L. Anderson
Michael Ashburner
Stephen J. Berkwitz
David E. Bloom
Piet Borrut
Henry R. Bourne
Michael S. Brown
James J. Bull
Kathryn Calame
C. Thomas Caskey
Dennis W. Choi
John M. Coffin
F. Fleming Cribb
Paul J. Crutzen
James E. Dahlberg
Robert Desminos
Bruce F. Eldridge
Paul F. Englund
Richard G. Fairbanks
Douglas T. Fearsen
Harry A. Fozard
Klaus Friederich
Theodore H. Gebelein
John G. Gerhart
Roger I. M. Glass
Stephen R. Guff
Peter N. Goodfellow
Corey S. Goodman
Ina Hershkowitz
Eric F. Johnson
Stephen M. Kosslyn
Michael LaBarbera
Nicole L. Louarain
Charles S. Levinson III
Alexander Levitik
Harvey F. Lodish
Richard Lesieck
Reinhard Lührmann
Diane Mathis
Anthony R. Means
Shigenada Nakashima
Roger A. Nicoll
Stuart L. Pimm
Yoshioha Puck
Dennis A. Powers
Ralph S. Quarante
Y. Ramanathan
Douglas C. Rees
T. M. Rice
David C. Rubie
Erik Ruochen
Gottfried Schatz
Josef Schett
Ronald H. Schwartz
Terrence J. Sejnowski
Ellen Solomon
Thomas A. Steitz
Michael P. Stryker
Robert T. N. Tjian
Emil R. Urruz
Gerald J. Vermeij
Barth Vogeist
Harold Wentraub
Arthur Weiss
Zena Werb
George M. Whitesides
Owen N. Witte
William A. Wulf

706

SCIENCE • VOL. 266 • 4 NOVEMBER 1994

Downloaded from http://science.sciencemag.org/ on May 11, 2017
This oviraptorid embryo from Ukhnaa Tolgod, Mongolia, in the Gobi Desert is the first definitive embryo of a nonavian theropod dinosaur. It is a near-hatching, curled in a fetal position. In the upper left is an eggshell fragment showing the outer surface of the egg, and in the upper right is a skull of a juvenile dromaeosaur that was found associated with the oviraptorid nest. See page 779 and the News story on page 731. [Photo: Michael Ellison, Department of Vertebrate Paleontology, American Museum of Natural History]
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/266/5186

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