

Science

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Programa de
Biotecnología
004

Mars Phoenix



AAAS

EDITORIAL

- 11 An Opportunity We Cannot Waste
Thomas R. Pickering

NEWS OF THE WEEK

- 16 House Vote Seen as Big Step
Toward Cooling the Greenhouse
- 17 Ferrets Shed Light on New Virus's
Severity and Spread
*>> Science Express reports by T. R. Mâines et al.
and V. J. Munster et al.*
- 18 Researchers Fight Against Bigger Slice
to Small Business
- 19 Proposal to Slash Salaries Riles
California Researchers
- 19 From *Science's* Online Daily News Site
- 20 A Hot Competition for a Cold Contract
- 20 House Panel Cuts DOE Education Program
- 21 Betting on Biotech to Transform
Guangdong, China's Export Hub
- 21 From the *Science* Policy Blog
- 22 Archaeologists Seek New Clues to the
Riddle of Emperor Qin's Terra-Cotta Army
Still Seeking Peking Man

NEWS FOCUS

- 24 ORIGINS
On the Origin of the Nervous System
>> Science Podcast
- 27 Behavioral Geneticist Celebrates Twins,
Scorns PC Science
- 28 Private Money, Public Disclosure
Senate Probe of Research Psychiatrists
- 31 China Searches for an 11th-Hour
Lifesaver for a Dying Discipline

LETTERS

- 32 Standing the Test of Time Variations
C. Forsberg and M. Kazimi
Heliophysics Missions Show Promise
D. N. Baker and T. H. Zurbuchen
How the Gray Wolf Got Its Color
L. Y. Rutledge et al.
Response
G. S. Barsh et al.

BOOKS ET AL.

- 35 Speciation and Patterns of Diversity
R. K. Butlin et al., Eds., reviewed by A. E. Magurran
- 36 Paleobotany
T. N. Taylor et al., reviewed by J. P. Wilson
- 37 Fare Mondi/Making Worlds
D. Birnbaum, Director, reviewed by H. Coles

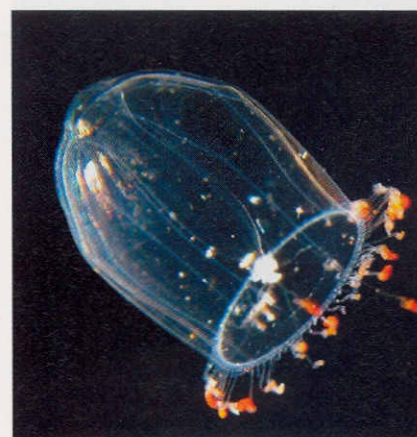
POLICY FORUM

- 38 The Illusive Gold Standard in
Genetic Ancestry Testing
S. S.-J. Lee et al.

PERSPECTIVES

- 40 Remembering Outside the Box
L. M. Saksida
>> Report p. 87
- 41 Insect Conservation
J. Settele and E. Kühn
>> Report p. 80
- 42 Coherent Holes in a Semiconductor
Quantum Dot
M. H. Kolodrubetz and J. R. Petta
>> Report p. 70
- 44 How Did Earth Accrete?
A. N. Halliday and B. J. Wood
- 45 Sweet Silencing
J. A. Simon
>> Report p. 93
- 47 Predicting El Niño's Impacts
G. J. Holland
>> Report p. 77

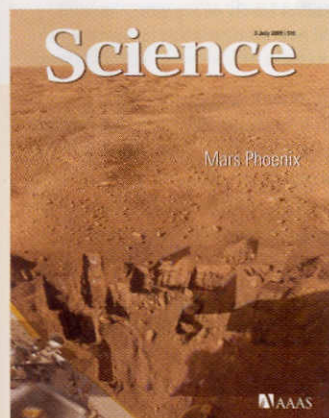
CONTENTS continued >>



page 24



page 48



COVER

The Phoenix spacecraft on the martian polar plains (68°N latitude). The footpad at the bottom is about 1 meter below the spacecraft deck seen at the lower left. Overlaid images are trenches dug to either nearly pure water ice or ice-cemented soil. Analyses of samples taken from these trenches give clues to the history of the region. Results from the Phoenix mission are discussed in four Reports beginning on page 58.

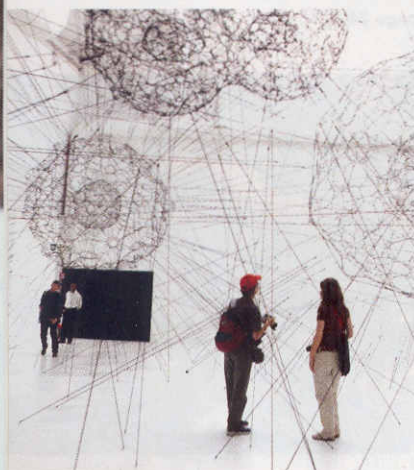
Image: NASA/JPL-Caltech/University of Arizona/Texas A&M/
M. T. Lemmon

DEPARTMENTS

- 8 This Week in *Science*
- 12 Editors' Choice
- 14 *Science* Staff
- 15 Random Samples
- 105 New Products
- 106 *Science* Careers



page 36



page 37



page 73

REVIEW

- 48 How to Think, Say, or Do Precisely the Worst Thing for Any Occasion
D. M. Wegner

BREVIA

- 51 Serengeti Birds Maintain Forests by Inhibiting Seed Predators
G. J. Sharam et al.
Fruit-eating birds inhibit seed predation by beetles, a mechanism that is destabilized when disturbance opens the forest canopy.
>> *Science Podcast*

RESEARCH ARTICLE

- 52 Dissociable Components of Rule-Guided Behavior Depend on Distinct Medial and Prefrontal Regions
M. J. Buckley et al.
A card-sorting task shows that three distinct regions of the monkey prefrontal cortex perform distinct cognitive functions.

REPORTS

- 58 H₂O at the Phoenix Landing Site
P. H. Smith et al.
A water ice layer was found 5 to 15 centimeters beneath the soil of the north polar region of Mars.
>> *Science Podcast*
- 61 Evidence for Calcium Carbonate at the Mars Phoenix Landing Site
W. V. Boynton et al.
The action of liquid water may have helped to form the calcium carbonate found in the soils around the Phoenix landing site.
- 64 Detection of Perchlorate and the Soluble Chemistry of Martian Soil at the Phoenix Lander Site
M. H. Hecht et al.
Most of the chlorine at the Phoenix landing site is in the form of perchlorate, a salt that is highly soluble in water.
- 68 Mars Water-Ice Clouds and Precipitation
J. A. Whiteway et al.
Laser remote sensing from Mars' surface revealed water-ice clouds that formed during the day and precipitated at night.
- 70 A Coherent Single-Hole Spin in a Semiconductor
D. Brunner et al.
Manipulating holes instead of electrons results in the enhancement of the coherence properties of quantum dots.
>> *Perspective p. 42*
- 73 Self-Assembling Sequence-Adaptive Peptide Nucleic Acids
Y. Ura et al.
A synthetic DNA analog can dynamically adapt its sequence in response to changing templates.

- 77 Impact of Shifting Patterns of Pacific Ocean Warming on North Atlantic Tropical Cyclones
H.-M. Kim et al.
Warming of the central Pacific sea surface causes different patterns of atmospheric circulation than do El Niño events.
>> *Perspective p. 47*
- 80 Successful Conservation of a Threatened *Maculinea* Butterfly
J. A. Thomas et al.
Prediction of population dynamics in relation to habitat requirements has led to a conservation success in the UK.
>> *Perspective p. 41*
- 83 Meningococcal Type IV Pili Recruit the Polarity Complex to Cross the Brain Endothelium
M. Coureuil et al.
Adhesion of bacteria to cells lining blood vessels in the brain induces them to part and allows pathogen invasion.
- 87 Role of Layer 6 of V2 Visual Cortex in Object-Recognition Memory
M. F. López-Aranda et al.
Experiments reveal the localization of short- and long-term visual memory encoding in the rat visual cortex.
>> *Perspective p. 40*
- 90 Jmjd6 Catalyzes Lysyl-Hydroxylation of U2AF65, a Protein Associated with RNA Splicing
C. J. Webby et al.
An oxygenase with an important role in vertebrate development hydroxylates a messenger RNA splicing factor.
- 93 Essential Role of the Glycosyltransferase Sxc/Ogt in Polycomb Repression
M. C. Gambetta et al.
The Polycomb-group protein super sex combs acts to glycosylate a second Polycomb repressor protein.
>> *Perspective p. 45*
- 96 Ligand-Gated Chloride Channels Are Receptors for Biogenic Amines in *C. elegans*
N. Ringstad et al.
An expanded family of receptor channels that bind neurotransmitters in worms might help to explain behavioral effects in humans.
- 100 LXR Regulates Cholesterol Uptake Through Idol-Dependent Ubiquitination of the LDL Receptor
N. Zelcer et al.
Cholesterol metabolism is regulated by a signaling pathway that targets the LDL receptor for degradation.

SCIENCEONLINE

SCIENCEEXPRESS

www.sciencexpress.org

Transmission and Pathogenesis of Swine-Origin 2009 A(H1N1) Influenza Viruses in Ferrets and Mice

T. R. Maines et al.

10.1126/science.1177238

Pathogenesis and Transmission of Swine-Origin 2009 A(H1N1) Influenza Virus in Ferrets

V. J. Munster et al.

Animal experiments compare the dynamics and effects of the virus causing the 2009 flu outbreak to those of seasonal H1N1 flu.

10.1126/science.1177127

>> News story p. 17

The Dynamics of Phenotypic Change and the Shrinking Sheep of St. Kilda

A. Ozgul et al.

Environmental change has led to decreasing body size in a sheep population over 20 years, despite selection for increased size.

10.1126/science.1173668

Radio Imaging of the Very-High-Energy γ -Ray Emission Region in the Central Engine of a Radio Galaxy

The VERITAS Collaboration et al.

Particles are accelerated to very high energies in close proximity to a super-massive black hole.

10.1126/science.1175406

Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT

A. A. Abdo et al.

Most of these identifications correspond to gamma-ray sources long suspected to be pulsars.

10.1126/science.1175558

A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope

A. A. Abdo et al.

These objects appear to share a common emission mechanism with standard gamma-ray pulsars.

10.1126/science.1176113

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Highlights From Our Daily News Coverage

Brain Recordings Take Flight

A new lightweight device measures brain activity in homing pigeons in midflight.

Evolution Heats Up in the Tropics

Warmer climates accelerate evolution rate in mammals, a new study says.

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New discoveries indicate that cave-dwellers played music 35,000 years ago.

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EDITORIAL GUIDE: Challenging Times

M. B. Yaffe

The deluge of NIH "challenge grants" promises to strain the reviewer pool.

RESEARCH ARTICLE: Therapeutically Targeting ErbB3—A Key Node in Ligand-Induced Activation of the ErbB Receptor-PI3K Axis

B. Schoeberl et al.

Computational modeling of the ErbB signaling network affirms ErbB3 as a therapeutic target.

RESEARCH ARTICLE: PKC ϵ Regulation of an α_5 Integrin-ZO-1 Complex Controls Lamellae Formation in Migrating Cancer Cells

S. Tuomi et al.

Phosphorylated ZO-1 relocates from tight junctions to lamellae to associate with α_5 integrin and control migration.

PERSPECTIVE: AIMing 2 Detect Foreign DNA

A. M. Krieg

AIM2 is a receptor for cytoplasmic double-stranded DNA and induces the formation of an IL-1 β -secreting inflammasome.

PODCAST

U. B. Nielsen and A. M. VanHook

Mathematical modeling of signaling pathways can be used to identify candidate targets for cancer therapies.

GLOSSARY

Find out what ERM, FMN, and LH mean in the world of cell signaling.

SCIENCE CAREERS

www.sciencereers.org/career_magazine

Free Career Resources for Scientists

Taken for Granted: An Alternative to the Ph.D. Track

B. L. Brenderly

Employment prospects for professional science master's degree program graduates seem strong.

Fun with Fungi: Mycology Careers

S. Coelho

Mycologists can find career opportunities in areas from academic research to applied agriculture.

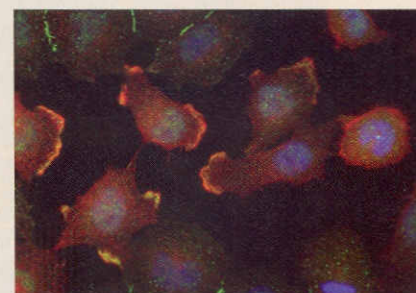
Funding News

GrantsNet Staff

The Funding News, now published weekly, provides the latest index of research funding and student support.



SCIENCENOW
Homing phone.



SCIENCE SIGNALING
Adhesion proteins in lamellae.

SCIENCEPODCAST

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Science Policy News and Analysis

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