CONTENTS

CONTENTS continued >>

NEWS OF THE WEEK

Spotted Owl Recovery Plan Flawed, Review Panel Finds 594
Mother Nature Cools the Greenhouse, but Hotter Times Still Lie Ahead 595
Louise Slaughter Interview: How to Get a Genetic Protection Law Through Congress? Keep Trying 596
Yosemite: Protected but Not Preserved 597

SCIENCESCOPE

Dispute Clouds the Future of U.S. Naval Lab in Indonesia 598
Fossils Help Figure Out Food Webs Old and New 598

NEWS FOCUS

A Bruising Battle Over Lung Scans 600
A Bumper Crop of Conflicts 600
Neil Turok: Wishing for an African Einstein 604
An African Showcase for Math Studies 604
Two Teams Report Progress in Reversing Loss of Sight 606
American Association of Physical Anthropologists Meeting 608

LETTERS

Ensuring Food Security P. Wojtkowski 611
Response M. E. Brown et al.
Coarse-Resolution Models Only Partly Cloudy K. R. Sperber et al.
Response H. Miura et al.

CORRECTIONS AND CLARIFICATIONS

BOOKS ET AL.

The Neuroscience of Fair Play Why We (Usually) Follow the Golden Rule D. W. Pfaff, reviewed by P. Ak
Folk Psychological Narratives The Sociocultural Basis of Understanding Reasons D. D. Hutto, reviewed by E. Myin

POLICY FORUM

Linking Natural Resources to Slow Growth and More Conflict C. N. Brunnschweiler and E. H. Bulte

PERSPECTIVES

High-Performance Transistors by Design X. Guo and S. R. P. Silva 618
How Frustration Leads to Inflammation L. A. J. O’Neill 619

Synchronized Self-Assembly J. S. Moore and M. L. Kraft 620

How Reefs Respond to Mass Coral Spawning J. Guest 621

A Unified Picture of Laser Physics J. Bravo-Abad and M. Solja˘ ci´ c 623

The Paradox of Silent Heterochromatin I. Djupedal and K. Ekwall 624

EDITORIAL

585 Misbegotten Preemptions by Donald Kennedy

DEPARTMENTS

579 Science Online
581 This Week in Science
586 Editors’ Choice
588 Contact Science
591 Random Samples
593 Newsmakers
682 New Products
683 Science Careers
MATERIALS SCIENCE
Dislocation-Driven Nanowire Growth and Eshelby Twist
A screw dislocation drives the growth of a nanowire pine tree, in which branches regularly extend from the trunk in a spiral, confirming Eshelby’s theory of dislocations.
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MEDICINE
A Polymorphism Within the G6PC2 Gene Is Associated with Fasting Plasma Glucose Levels
N. Bouatia-Naji et al.
Variation in a gene for a protein in the pancreas may help explain why people have different levels of fasting blood glucose, a factor that affects disease risk.
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TECHNICAL COMMENT ABSTRACTS
APPLIED PHYSICS
Comment on “Long-Lived Giant Number Fluctuations in a Swarming Granular Nematic”
I. S. Aranson, A. Snezhko, J. S. Olafsen, J. S. Urbach
Response to Comment on “Long-Lived Giant Number Fluctuations in a Swarming Granular Nematic”
V. Narayan, S. Ramaswamy, N. Menon

REVIEW
GEOPHYSICS
Structure and Dynamics of Earth’s Lower Mantle
E. J. Garnero and A. K. McNamara

BREVIA
CLIMATE CHANGE
Fire-Derived Charcoal Causes Loss of Forest Humus
D. A. Wardle, M.-C. Nilsson, O. Zackrisson
Charcoal enhances the microbial activity in soils, which in turn decreases the amount of carbon and humus in forests over time.

RESEARCH ARTICLES
NEUROSCIENCE
A Specialized Forebrain Circuit for Vocal Babbling in the Juvenile Songbird
D. Aronov, A. S. Andalman, M. S. Fee
The babbling of young zebra finches learning to sing is produced by a brain region distinct from the adult song center, a pattern that may also apply to other motor systems.

MATERIALS SCIENCE
High-Thermoelectric Performance of Nanostructured Bismuth Antimony Telluride Bulk Alloys
B. Poudel et al.
Milling a thermoelectric alloy, which produces electricity from a thermal gradient, into a nanopowder, then pressing it into a bulk form, greatly improves its performance.

REPORTS
PHYSICS
Coherent Control of Decoherence
M. P. A. Branderhorst et al.
Iterative shaping of a laser pulse using feedback from a fluorescence signal extends the phase stability of a molecular vibration in the face of rotational jostling.

PHYSICS
Strong Interactions in Multimode Random Lasers
H. E. Türeci, L. Ge, S. Rotter, A. D. Stone
A theoretical approach describes lasing in strongly disordered media where multiple excitation modes may switch on and off to emit light over a range of wavelengths.
>> Perspective p. 623
In Vivo Imaging of Membrane-Associated Glycans in Developing Zebrafish

S. T. Laughlin, J. M. Baskin, S. L. Amacher, C. R. Bertozzi

Developing Zebrafish

Imaging of cell-surface sugars in developing zebrafish reveals potential inflammatory response.

A large multiprotein complex detects particulate airborne pollutants that have been taken up by immune cells in the lung and initiates a potent inflammatory response. **>> Perspective p. 619**

A lipoprotein in human blood protects against an African parasite by binding to a parasite receptor and triggering uptake of the lipoprotein, which contains a toxic component.

**IMMUNOLOGY**

Innate Immune Activation Through Nalp3

C. Dostert et al.

A large multiprotein complex detects particulate airborne pollutants that have been taken up by immune cells in the lung and initiates a potent inflammatory response. **>> Perspective p. 619**

Innate Immunity to Trypanosoma brucei in Humans

B. Vanhollebeke et al.

A lipoprotein in human blood protects against an African parasite by binding to a parasite receptor and triggering uptake of the lipoprotein, which contains a toxic component.
Exercise, a natural antidepressant.

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PERSPECTIVE: VGF, a New Player in Antidepressant Action?
J. E. Malberg and L. M. Monteggia
The neuropeptide VGF appears to play a role in the antidepressant effects of exercise, the neurotrophic factor BDNF, and the neurotransmitter serotonin.

PERSPECTIVE: Synaptic Patterning by Morphogen Signaling
W. R. Williamson and P. R. Hiesinger
The morphogen Activin acts as a permissive and local motility restriction signal around individual photoreceptor terminals.

PODCAST
E. M. Adler and A. M. VanHook
Some glial cells can generate action potentials and are hypersensitive to ischemic injury.

New structure for university careers in Europe.

SCIENCE CAREERS
www.sciencecareers.org/career_development
FREE CAREER RESOURCES FOR SCIENTISTS

Structuring Academic Careers in Europe
C. Wald
Several European universities have begun defining tenure-like career structures.

Taken for Granted: Lost in Space
B. L. Benderly
A severe disconnect separates some policy-makers from scientists’ real lives.

Mastering Your Ph.D.: Exploring Nonprofit Organizations
P. Gosling
The values and culture of nonprofit organizations make them an exciting and rewarding career choice.

May 2008 Funding News
J. Fernández
Learn about the latest research funding opportunities, scholarships, fellowships, and internships.

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Science 320 (5876), 581-682.