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Conserving
Biodiversity

AAAS

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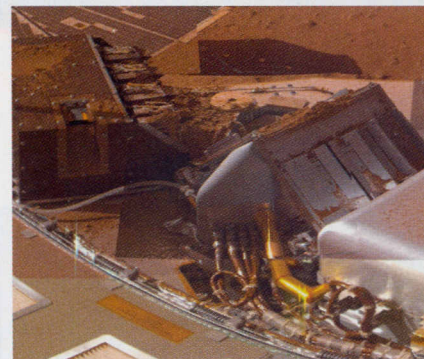
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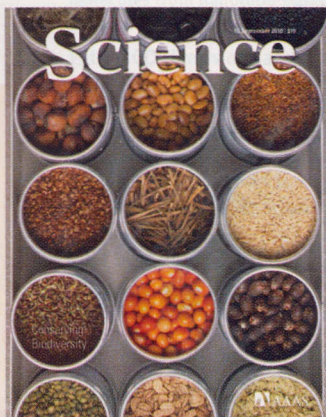
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COVER

Seeds in storage containers destined for the Millennium Seed Bank, a conservation project run by Kew Gardens, UK, which now houses 10 percent of the world's plant species as seeds. The conservation of biodiversity is in the spotlight as scientists, nongovernmental organizations, and politicians prepare for the Convention on Biological Diversity in Nagoya, Japan, in October 2010. See the special News Focus section beginning on page 1272 and the Review on page 1298.

Photo: Bryan and Cherry Alexander/Alamy

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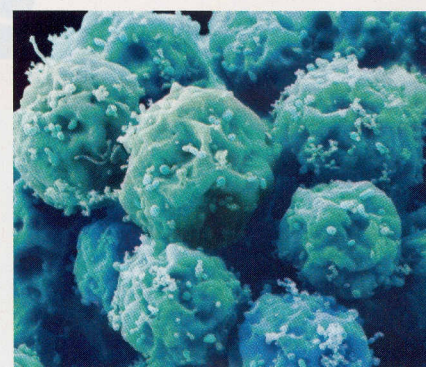
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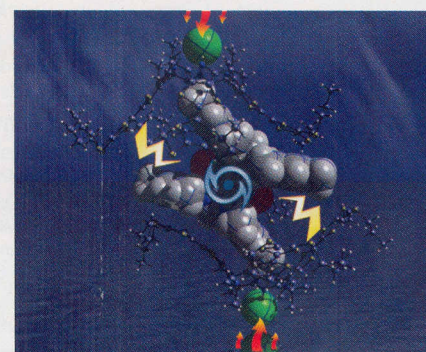
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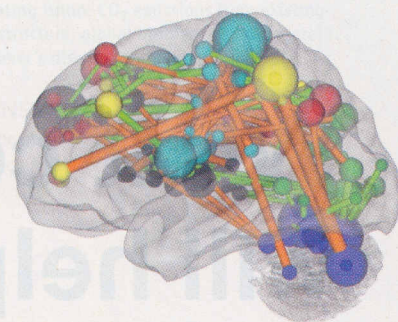
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Universal Dynamical Decoupling of a Single Solid-State Spin from a Spin Bath

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Neutrino Spectroscopy Can Probe the Dark Matter Content in the Sun

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Dark matter in the center of the Sun would affect its internal structure and lead to a distinctive neutrino emission pattern.

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Forget Mice, Elephants Really Hate Ants

An aversion to biting ants keeps elephants from ravaging the savanna.

How Fish Oil Fights Inflammation

Omega-3 fatty acids work via a specific receptor and may combat diabetes as well.

'Impossible' Soccer Goal Explained

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Analysis of stunning kick shows how spinning balls follow spiral paths.

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JOURNAL CLUB: Receptor Tyrosine Kinase Transmembrane Domain Interactions—Potential Target for "Interceptor" Therapy

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PERSPECTIVE: NF- κ B—Much Learned, Much to Learn

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Mind Matters: Anxiety in the Workplace

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Testing Mother Earth's Resilience

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Growing up in Kruger National Park in South Africa allowed Reinette Biggs to shape her research career in unusual ways.

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PERSPECTIVE: Genome-Wide Association Studies Identify New Targets in Cardiovascular Disease

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RESEARCH ARTICLE: Integration of Early Physiological Responses Predicts Later Illness Severity in Preterm Infants

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Physiological parameters routinely and noninvasively collected in the first 3 hours of life can accurately predict morbidity in premature infants.



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PERSPECTIVE: Targeting a Common Collaborator in Cancer Development

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A small molecule inhibitor of phosphatidylinositol 3-kinase enhances the cytotoxic effects of the common chemotherapeutic agent doxorubicin in breast and ovarian cancer cell lines.

SCIENCE PODCAST

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Download the 10 September *Science* Podcast to hear about estimating future CO₂ emissions from existing energy infrastructure, global biodiversity, the protein tau in Alzheimer's disease, and more.

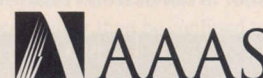
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SCIENCE (ISSN 0036-8075) is published weekly on Friday, except the last week in December, by the American Association for the Advancement of Science, 1200 New York Avenue, NW, Washington, DC 20005. Periodicals Mail postage (publication No. 484460) paid at Washington, DC, and additional mailing offices. Copyright © 2010 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): \$146 (\$74 allocated to subscription). Domestic institutional subscription (51 issues): \$910; Foreign postage extra: Mexico, Caribbean (surface mail) \$55; other countries (air assist delivery) \$85. First class, airmail, student, and emeritus rates on request. Canadian rates with GST available upon request, GST #1254 88122. Publications Mail Agreement Number 1069624. Printed in the U.S.A.

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