

# NEWSLETTER GEOBRASIL

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### ?? NATURE

Marine ecology: Different measures of biodiversity E9  
JOHN R. DOLAN  
doi: 10.1038/nature03320

Marine ecology: Different measures of biodiversity (Reply) E9  
XABIER IRIGOIEN, JEF HUISMAN & ROGER P. HARRIS

Another continental pool in the terrestrial silicon cycle 399  
ISABELLE BASILE-DOELSCH, JEAN DOMINIQUE MEUNIER & CLAUDE PARRON  
doi: 10.1038/nature03217

Uncertainty in predictions of the climate response to rising levels of greenhouse gases 403  
D. A. STAINFORTH, et al.  
doi: 10.1038/nature03301

Spectroscopic evidence for a lava fountain driven by previously accumulated magmatic gas 407  
PATRICK ALLARD, MIKE BURTON & FILIPPO MURÉ  
doi: 10.1038/nature03246

### ?? SCIENCE

Short-lived chlorine-36 in a Ca- and Al-rich inclusion from the Ningqiang carbonaceous chondrite  
Yangting Lin, Yunbin Guan, Laurie A. Leshin, Ziyuan Ouyang, and Daode Wang  
Proc. Natl. Acad. Sci. USA published 25 January 2005,  
10.1073/pnas.0407173101  
<http://www.pnas.org/cgi/content/abstract/0407173101v1?ct>

Hydrogen and bioenergetics in the Yellowstone geothermal ecosystem  
John R. Spear, Jeffrey J. Walker, Thomas M. McCollom, and Norman R. Pace  
Proc. Natl. Acad. Sci. USA published 25 January 2005,  
10.1073/pnas.0409574102  
<http://www.pnas.org/cgi/content/abstract/0409574102v1?ct>

Nanoscale environments associated with bioweathering of a Mg-Fe-pyroxene  
Karim Benzerara, Tae Hyun Yoon, Nicolas Menguy, Tolek Tyliczszak, and Gordon E. Brown, Jr.  
Proc. Natl. Acad. Sci. USA. 2005; 102(4): p. 979-982  
<http://www.pnas.org/cgi/content/abstract/102/4/979?ct>  
The position of Hippopotamidae within Cetartiodactyla  
Jean-Renaud Boisserie, Fabrice Lihoreau, and Michel Brunet  
Proc. Natl. Acad. Sci. USA published 26 January 2005,  
10.1073/pnas.0409518102  
<http://www.pnas.org/cgi/content/abstract/0409518102v1?ct>

Stable isotopes ( $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$ ) of organic matrix from coral skeleton

Leonard Muscatine, Claire Goiran, Lynton Land, Jean Jaubert, Jean-Pierre Cuif, and Denis Allemand

Proc. Natl. Acad. Sci. USA published 25 January 2005,

10.1073/pnas.0408921102

<http://www.pnas.org/cgi/content/abstract/0408921102v1?ct>

Behavioural response to the bioavailability of inorganic mercury in the hydrothermal mussel *Bathymodiolus azoricus*

Eniko Kadar, Valentina Costa, Ricardo S. Santos, and Humberto Lopes

J. Exp. Biol. 2005; 208(3): p. 505-513

<http://jeb.biologists.org/cgi/content/abstract/208/3/505?ct>

Feedbacks and the coevolution of plants and atmospheric CO<sub>2</sub>

David J. Beerling and Robert A. Berner

Proc. Natl. Acad. Sci. USA published 24 January 2005,

10.1073/pnas.0408724102

<http://www.pnas.org/cgi/content/abstract/0408724102v1?ct>

Survey of the Biological Effects of Refractory Ceramic Fibres: Overload and Its Possible Consequences

R. C. Brown, B. Bellmann, H. Muhle, J. M. G. Davis, and L. D. Maxim

Ann. Occup. Hyg. published 24 January 2005, 10.1093/annhyg/meh098

<http://annhyg.oupjournals.org/cgi/content/abstract/meh098v1?ct>

Computer Simulation of Long-Term Vegetation Status in Landslide-Prone Areas in the Himalayan Region

S. K. Basu and A. Roy

SIMULATION. 2004; 80(10): p. 511-525

<http://sim.sagepub.com/cgi/content/abstract/80/10/511?ct>

A Probabilistic Approach for Evaluation of Radon Concentration in the Indoor Environment

Katarina Ljungquist and Ove Lagerqvist

Indoor and Built Environment. 2005; 14(1): p. 17-27

<http://ibe.sagepub.com/cgi/content/abstract/14/1/17?ct>

Asbestos-containing Floor Tile and Mastic Abatement: Is there Enough Exposure Cause Asbestos-related Disease?

John H. Lange

Indoor and Built Environment. 2005; 14(1): p. 83-88

<http://ibe.sagepub.com/cgi/content/abstract/14/1/83?ct>

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