



Cover image: Pictured are echinoid (sea urchin) specimens representative of the vast morphological diversity within this 265-million-year-old group of animals. Using phylogenetic analysis, Melanie J. Hopkins and Andrew B. Smith found that diversification of echinoids has been episodic. Evolutionary rates were lowest during the initial Triassic diversification and generally increased over time, but were punctuated by periods of high evolutionary rates that coincided with major shifts in echinoid feeding strategies, demonstrating that rates of evolution may be highly heterogeneous over time. See the article by Hopkins and Smith on pages 3758–3763. Image of *C. exquisitus* courtesy of Simon Coppard (The Natural History Museum, London).

From the Cover

- 3758 Sea urchin diversity and evolution
- E1433 Roles of extracellular vesicles
- E1480 HIV replicative capacity and disease progression
- 3630 Global warming and global dryness
- 3669 Genetic analysis of 17th-century slave remains

Contents

THIS WEEK IN PNAS

- 3583 In This Issue

LETTERS (ONLINE ONLY)

- E1402 **Tightening nonfossil emissions control: A potential opportunity for PM_{2.5} mitigation in China**
Fang Cao and Yan-Lin Zhang
- E1403 **Reply to Cao and Zhang: Tightening nonfossil emissions alone is inefficient for PM_{2.5} mitigation in China**
Renyi Zhang, Song Guo, Misti L. Zamora, and Min Hu
- E1404 **Implications of xenoglycan sensitivity for increased cancer risk**
Kimberley J. Mackenzie
- E1405 **Reply to Mackenzie: A comparison of Neu5Gc and α -gal xenoantigens**
Oliver M. T. Pearce, Annie N. Samraj, Heinz Läubli, Nissi M. Varki, and Ajit Varki



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OPINION—*Leading scientists discuss current issues*

- 3585 **Opinion: Lay summaries needed to enhance science communication**
Lauren M. Kuehne and Julian D. Olden

PROFILE

- 3587 **Profile of Susan Fiske**
Jennifer Viegas
→ See *Inaugural Article* on page 3599

COMMENTARIES

- 3589 **Emerging picture of the distinct traits and functions of microvesicles and exosomes**
Marc A. Antonyak and Richard A. Cerione
→ See *companion article* on page E1433
- 3591 **HIV-1 replication capacity: Setting the pace of disease**
Carolyn Williamson and Ronald Swanstrom
→ See *companion article* on page E1480
- 3593 **Global warming-accelerated drying in the tropics**
Rong Fu
→ See *companion article* on page 3630
- 3595 **Not-so-early bursts and the dynamic nature of morphological diversification**
Graham J. Slater
→ See *companion article* on page 3758

PNAS PLUS

3597 **Significance Statements**

→ *Brief statements written by the authors about the significance of their papers.*

INAUGURAL ARTICLE

3599 **Perceived intent motivates people to magnify observed harms**

Daniel L. Ames and Susan T. Fiske

→ *See Profile on page 3587*

PHYSICAL SCIENCES

APPLIED PHYSICAL SCIENCES

3606 **Propensity of undulatory swimmers, such as worms, to go against the flow**

Jinzhou Yuan, David M. Raizen, and Haim H. Bau

CHEMISTRY

3612 **Stable solar-driven oxidation of water by semiconducting photoanodes protected by transparent catalytic nickel oxide films**

Ke Sun, Fadl H. Saadi, Michael F. Lichterman, William G. Hale, Hsin-Ping Wang, Xinghao Zhou, Noah T. Plymale, Stefan T. Omelchenko, Jr-Hau He, Kimberly M. Papadantonakis, Bruce S. Brunshwig, and Nathan S. Lewis

3686 **Heme-thiolate ferryl of aromatic peroxxygenase is basic and reactive**

Xiaoshi Wang, René Ullrich, Martin Hofrichter, and John T. Groves

3698 **The Fe-S cluster-containing NEET proteins mitoNEET and NAF-1 as chemotherapeutic targets in breast cancer**



Fang Bai, Faruck Morcos, Yang-Sung Sohn, Merav Darash-Yahana, Celso O. Rezende, Colin H. Lipper, Mark L. Paddock, Luhua Song, Yuting Luo, Sarah H. Holt, Sagi Tamir, Emmanuel A. Theodorakis, Patricia A. Jennings, José N. Onuchic, Ron Mittler, and Rachel Nechushtai

COMPUTER SCIENCES

3618 **Visual Turing test for computer vision systems**



Donald Geman, Stuart Geman, Neil Hallonquist, and Laurent Younes

EARTH, ATMOSPHERIC, AND PLANETARY SCIENCES

E1406 **Orbital forcing of climate 1.4 billion years ago**

Shuichang Zhang, Xiaomei Wang, Emma U. Hammarlund, Huajian Wang, M. Mafalda Costa, Christian J. Bjerrum, James N. Connelly, Baomin Zhang, Lizeng Bian, and Donald E. Canfield

3624 **Triassic–Jurassic climate in continental high-latitude Asia was dominated by obliquity-paced variations (Junggar Basin, Ürümqi, China)**



Jingeng Sha, Paul E. Olsen, Yanhong Pan, Daoyi Xu, Yaqiang Wang, Xiaolin Zhang, Xiaogang Yao, and Vivi Vajda

3630 **Robust Hadley Circulation changes and increasing global dryness due to CO₂ warming from CMIP5 model projections**

William K. M. Lau and Kyu-Myong Kim

→ *See Commentary on page 3593*

3636 **Methane transport from the active layer to lakes in the Arctic using Toolik Lake, Alaska, as a case study**

Adina Paytan, Alanna L. Lecher, Natasha Dimova, Katy J. Sparrow, Fenix Garcia-Tigueros Kodovska, Joseph Murray, Slawomir Tulaczyk, and John D. Kessler

3752 **Permafrost carbon–climate feedback is sensitive to deep soil carbon decomposability but not deep soil nitrogen dynamics**



Charles D. Koven, David M. Lawrence, and William J. Riley

3758 **Dynamic evolutionary change in post-Paleozoic echinoids and the importance of scale when interpreting changes in rates of evolution**

Melanie J. Hopkins and Andrew B. Smith

→ *See Commentary on page 3595*

PHYSICS

3641 **Emergence of coherence and the dynamics of quantum phase transitions**

Simon Braun, Mathis Friesdorf, Sean S. Hodgman, Michael Schreiber, Jens Philipp Ronzheimer, Arnau Riera, Marco del Rey, Immanuel Bloch, Jens Eisert, and Ulrich Schneider

SUSTAINABILITY SCIENCE

3663 **Solar electricity supply isolines of generation capacity and storage**



Wolf Grossmann, Iris Grossmann, and Karl W. Steininger

SOCIAL SCIENCES

ANTHROPOLOGY

3669 **Genome-wide ancestry of 17th-century enslaved Africans from the Caribbean**



Hannes Schroeder, María C. Ávila-Arcos, Anna-Sapfo Malaspinas, G. David Poznik, Marcela Sandoval-Velasco, Meredith L. Carpenter, José Victor Moreno-Mayar, Martin Sikora, Philip L. F. Johnson, Morten Erik Allentoft, José Alfredo Samaniego, Jay B. Haviser, Michael W. Dee, Thomas W. Stafford Jr., Antonio Salas, Ludovic Orlando, Eske Willerslev, Carlos D. Bustamante, and M. Thomas P. Gilbert

ECONOMIC SCIENCES

3647 **The effects of reputational and social knowledge on cooperation**

Edoardo Gallo and Chang Yan

PSYCHOLOGICAL AND COGNITIVE SCIENCES


3599 **Perceived intent motivates people to magnify observed harms**

Daniel L. Ames and Susan T. Fiske


→ *See Profile on page 3587*

3653 **Different personal propensities among scientists relate to deeper vs. broader knowledge contributions**

Thomas S. Bateman and Andrew M. Hess


- 3659 **Origins of narcissism in children**
Eddie Brummelman, Sander Thomaes, Stefanie A. Nelemans, Bram Orobio de Castro, Geertjan Overbeek, and Brad J. Bushman
- 3788 **Latent structure in random sequences drives neural learning toward a rational bias**
 Yanlong Sun, Randall C. O'Reilly, Rajan Bhattacharyya, Jack W. Smith, Xun Liu, and Hongbin Wang

SUSTAINABILITY SCIENCE


- 3663 **Solar electricity supply isolines of generation capacity and storage**
 Wolf Grossmann, Iris Grossmann, and Karl W. Steininger

BIOLOGICAL SCIENCES


ANTHROPOLOGY

- 3669 **Genome-wide ancestry of 17th-century enslaved Africans from the Caribbean**
 Hannes Schroeder, María C. Ávila-Arcos, Anna-Sapfo Malaspinas, G. David Poznik, Marcela Sandoval-Velasco, Meredith L. Carpenter, José Victor Moreno-Mayar, Martin Sikora, Philip L. F. Johnson, Morten Erik Allentoft, José Alfredo Samaniego, Jay B. Haviser, Michael W. Dee, Thomas W. Stafford Jr., Antonio Salas, Ludovic Orlando, Eske Willerslev, Carlos D. Bustamante, and M. Thomas P. Gilbert
- 3674 **Environments and trypanosomiasis risks for early herders in the later Holocene of the Lake Victoria basin, Kenya**
Kendra L. Chritz, Fiona B. Marshall, M. Esperanza Zagal, Francis Kirera, and Thure E. Cerling

APPLIED BIOLOGICAL SCIENCES


- 3680 **Vaccine composition formulated with a novel TLR7-dependent adjuvant induces high and broad protection against *Staphylococcus aureus***
 Fabio Bagnoli, Maria Rita Fontana, Elisabetta Soldaini, Ravi P. N. Mishra, Luigi Fiaschi, Elena Cartocci, Vincenzo Nardi-Dei, Paolo Ruggiero, Sarah Nosari, Maria Grazia De Falco, Giuseppe Lofano, Sara Marchi, Bruno Galletti, Paolo Mariotti, Marta Bacconi, Antonina Torre, Silvia Maccari, Maria Scarselli, C. Daniela Rinaudo, Naoko Inoshima, Silvana Savino, Elena Mori, Silvia Rossi-Paccani, Barbara Baudner, Michele Pallaoro, Erwin Swennen, Roberto Petracca, Cecilia Brettoni, Sabrina Liberatori, Nathalie Norais, Elisabetta Monaci, Juliane Bubeck Wardenburg, Olaf Schneewind, Derek T. O'Hagan, Nicholas M. Valiante, Giuliano Bensi, Sylvie Bertholet, Ennio De Gregorio, Rino Rappuoli, and Guido Grandi

BIOCHEMISTRY

- E1414 **Engineered stabilization and structural analysis of the autoinhibited conformation of PDE4**
 Peder Cedervall, Ann Aulabaugh, Kieran F. Geoghegan, Thomas J. McLellan, and Jayvardhan Pandit
- 3686 **Heme-thiolate ferryl of aromatic peroxxygenase is basic and reactive**
Xiaoshi Wang, René Ullrich, Martin Hofrichter, and John T. Groves

- 3692 **Functionally conserved architecture of hepatitis C virus RNA genomes**
David M. Mauger, Michael Golden, Daisuke Yamane, Sara Williford, Stanley M. Lemon, Darren P. Martin, and Kevin M. Weeks

BIOPHYSICS AND COMPUTATIONAL BIOLOGY

- E1423 **Endocytic proteins drive vesicle growth via instability in high membrane tension environment**
Nikhil Walani, Jennifer Torres, and Ashutosh Agrawal
- 3606 **Propensity of undulatory swimmers, such as worms, to go against the flow**
Jinzhou Yuan, David M. Raizen, and Haim H. Bau
- 3698 **The Fe-S cluster-containing NEET proteins mitoNEET and NAF-1 as chemotherapeutic targets in breast cancer**
 Fang Bai, Faruck Morcos, Yang-Sung Sohn, Merav Darash-Yahana, Celso O. Rezende, Colin H. Lipper, Mark L. Paddock, Luhua Song, Yuting Luo, Sarah H. Holt, Sagi Tamir, Emmanuel A. Theodorakis, Patricia A. Jennings, José N. Onuchic, Ron Mittler, and Rachel Nechushtai
- 3704 **Computational protein design enables a novel one-carbon assimilation pathway**
Justin B. Siegel, Amanda Lee Smith, Sean Poust, Adam J. Wargacki, Arren Bar-Even, Catherine Louw, Betty W. Shen, Christopher B. Eiben, Huu M. Tran, Elad Noor, Jasmine L. Gallaher, Jacob Bale, Yasuo Yoshikuni, Michael H. Gelb, Jay D. Keasling, Barry L. Stoddard, Mary E. Lidstrom, and David Baker
- 3710 **Structure of bone morphogenetic protein 9 procomplex**
Li-Zhi Mi, Christopher T. Brown, Yijie Gao, Yuan Tian, Viet Q. Le, Thomas Walz, and Timothy A. Springer
- 3716 **Dysfunctional conformational dynamics of protein kinase A induced by a lethal mutant of phospholamban hinder phosphorylation**
Jonggul Kim, Larry R. Masterson, Alessandro Cembran, Raffaello Verardi, Lei Shi, Jiali Gao, Susan S. Taylor, and Gianluigi Veglia

CELL BIOLOGY

- E1433 **Differential fates of biomolecules delivered to target cells via extracellular vesicles**
Masamitsu Kanada, Michael H. Bachmann, Jonathan W. Hardy, Daniel Omar Frimansson, Laura Bronsart, Andrew Wang, Matthew D. Sylvester, Tobi L. Schmidt, Roger L. Kaspar, Manish J. Butte, A. C. Matin, and Christopher H. Contag
→ See Commentary on page 3589
- E1443 **A TOCA/CDC-42/PAR/WAVE functional module required for retrograde endocytic recycling**
Zhiyong Bai and Barth D. Grant
- 3722 **Regulation of Nrf2 signaling and longevity in naturally long-lived rodents**
Kaitlyn N. Lewis, Emily Wason, Yael H. Edrey, Deborah M. Kristan, Eviatar Nevo, and Rochelle Buffenstein
- 3728 **ORMDL orosomucoid-like proteins are degraded by free-cholesterol-loading-induced autophagy**
Shuhui Wang, Peggy Robinet, Jonathan D. Smith, and Kailash Gulshan

- 3734 **The nucleolar ubiquitin-specific protease USP36 deubiquitinates and stabilizes c-Myc**
Xiao-Xin Sun, Xia He, Li Yin, Masayuki Komada, Rosalie C. Sears, and Mu-Shui Dai

DEVELOPMENTAL BIOLOGY

- 3740 **MiR-2 family regulates insect metamorphosis by controlling the juvenile hormone signaling pathway**
Jesus Lozano, Raúl Montañez, and Xavier Belles
- 3746 **Conserved role of Sonic Hedgehog in tonotopic organization of the avian basilar papilla and mammalian cochlea**
Eun Jin Son, Ji-Hyun Ma, Harinarayana Ankamreddy, Jeong-Oh Shin, Jae Young Choi, Doris K. Wu, and Jinwoong Bok

ENVIRONMENTAL SCIENCES

- 3752 **Permafrost carbon–climate feedback is sensitive to deep soil carbon decomposability but not deep soil nitrogen dynamics**
Charles D. Koven, David M. Lawrence, and William J. Riley

EVOLUTION

- E1453 **Sponge grade body fossil with cellular resolution dating 60 Myr before the Cambrian**
Zongjun Yin, Maoyan Zhu, Eric H. Davidson, David J. Bottjer, Fangchen Zhao, and Paul Tafforeau
- 3758 **Dynamic evolutionary change in post-Paleozoic echinoids and the importance of scale when interpreting changes in rates of evolution**
Melanie J. Hopkins and Andrew B. Smith
→ See Commentary on page 3595

GENETICS

- 3764 **Environmental stress induces trinucleotide repeat mutagenesis in human cells**
Nimrat Chatterjee, Yunfu Lin, Beatriz A. Santillan, Patricia Yotnda, and John H. Wilson

IMMUNOLOGY AND INFLAMMATION

- E1461 **L-selectin shedding is activated specifically within transmigrating pseudopods of monocytes to regulate cell polarity in vitro**
Karolina Rzeniewicz, Abigail Newe, Angela Rey Gallardo, Jessica Davies, Mark R. Holt, Ashish Patel, Guillaume T. Charras, Brian Stramer, Chris Molenaar, Thomas F. Tedder, Maddy Parsons, and Aleksandar Ivetic

MEDICAL SCIENCES

- E1471 **Differentiation of antiinflammatory and antitumorogenic properties of stabilized enantiomers of thalidomide analogs**
Vincent Jacques, Anthony W. Czarnik, Thomas M. Judge, Lex H. T. Van der Ploeg, and Sheila H. DeWitt
- 3770 **Synchronous down-modulation of miR-17 family members is an early causative event in the retinal angiogenic switch**
Diana N. Nunes, Emmanuel Dias-Neto, Marina Cardó-Vila, Julianna K. Edwards, Andrey S. Dobroff, Ricardo J. Giordano, Jami Mandelin, Helena P. Brentani, Catrin Hasselgren, Virginia J. Yao, Serena Marchiò, Carlos A. B. Pereira, Fabio Passetti, George A. Calin, Richard L. Sidman, Wadih Arap, and Renata Pasqualini

- 3776 **Selection and identification of ligand peptides targeting a model of castrate-resistant osteogenic prostate cancer and their receptors**
Jami Mandelin, Marina Cardó-Vila, Wouter H. P. Driessen, Paul Mathew, Nora M. Navone, Sue-Hwa Lin, Christopher J. Logothetis, Anna Cecilia Rietz, Andrey S. Dobroff, Bettina Proneth, Richard L. Sidman, Renata Pasqualini, and Wadih Arap

- 3782 **Thermostable ricin vaccine protects rhesus macaques against aerosolized ricin: Epitope-specific neutralizing antibodies correlate with protection**
Chad J. Roy, Robert N. Brey, Nicholas J. Mantis, Kelly Mapes, Iliodora V. Pop, Laurentiu M. Pop, Stephen Ruback, Stephanie Z. Killeen, Lara Doyle-Meyers, Heather S. Vinet-Oliphant, Peter J. Didier, and Ellen S. Vitetta

MICROBIOLOGY

- E1480 **Replicative fitness of transmitted HIV-1 drives acute immune activation, proviral load in memory CD4⁺ T cells, and disease progression**
Daniel T. Claiborne, Jessica L. Prince, Eileen Scully, Gladys Macharia, Luca Micci, Benton Lawson, Jakub Kopycinski, Martin J. Deymier, Thomas H. Vanderford, Krystelle Nganou-Makamdop, Zachary Ende, Kelsie Brooks, Jianming Tang, Tianwei Yu, Shabir Lakh, William Kilembe, Guido Silvestri, Daniel Douek, Paul A. Goepfert, Matthew A. Price, Susan A. Allen, Mirko Paiardini, Marcus Altfeld, Jill Gilmour, and Eric Hunter
→ See Commentary on page 3591

- E1490 **Plant-derived antifungal agent poacic acid targets β -1,3-glucan**
Jeff S. Piotrowski, Hiroki Okada, Fachuang Lu, Sheena C. Li, Li Hinchman, Ashish Ranjan, Damon L. Smith, Alan J. Higbee, Arne Ulbrich, Joshua J. Coon, Raamesh Deshpande, Yury V. Bukhman, Sean McIlwain, Irene M. Ong, Chad L. Myers, Charles Boone, Robert Landick, John Ralph, Mehdi Kabbage, and Yoshikazu Ohya


NEUROSCIENCE

- E1498 **Increased dopamine D2 receptor activity in the striatum alters the firing pattern of dopamine neurons in the ventral tegmental area**
Sabine Krabbe, Johanna Duda, Julia Schiemann, Christina Poetschke, Gaby Schneider, Eric R. Kandel, Birgit Liss, Jochen Roeper, and Eleanor H. Simpson
- 3788 **Latent structure in random sequences drives neural learning toward a rational bias**
Yanlong Sun, Randall C. O'Reilly, Rajan Bhattacharyya, Jack W. Smith, Xun Liu, and Hongbin Wang
- 3793 **Transmembrane tethering of synaptotagmin to synaptic vesicles controls multiple modes of neurotransmitter release**
Jihye Lee and J. Troy Littleton
- 3799 **Breakdown of the brain's functional network modularity with awareness**
Douglass Godwin, Robert L. Barry, and René Marois
- 3805 **Electrical synapses connect a network of gonadotropin releasing hormone neurons in a cichlid fish**
Yunyong Ma, Scott A. Juntti, Caroline K. Hu, John R. Huguenard, and Russell D. Fernald

PHYSIOLOGY

- 3811 **Identification of FOXO targets that generate diverse features of the diapause phenotype in the mosquito *Culex pipiens***
Cheolho Sim, David S. Kang, Sungshil Kim, Xiaodong Bai, and David L. Denlinger


PLANT BIOLOGY

- 3817 ***Arabidopsis* DET1 degrades HFR1 but stabilizes PIF1 to precisely regulate seed germination**
Hui Shi, Xin Wang, Xiaorong Mo, Chao Tang, Shangwei Zhong, and Xing Wang Deng
- 3823 **Recombination in diverse maize is stable, predictable, and associated with genetic load**
 Eli Rodgers-Melnick, Peter J. Bradbury, Robert J. Elshire, Jeffrey C. Glaubitz, Charlotte B. Acharya, Sharon E. Mitchell, Chunhui Li, Yongxiang Li, and Edward S. Buckler
- 3829 **Allelic polymorphism of *GIGANTEA* is responsible for naturally occurring variation in circadian period in *Brassica rapa***
Qiguang Xie, Ping Lou, Victor Hermand, Rashid Aman, Hee Jin Park, Dae-Jin Yun, Woe Yeon Kim, Matti Juhani Salmela, Brent E. Ewers, Cynthia Weinig, Sarah L. Khan, D. Loring P. Schaible, and C. Robertson McClung

PSYCHOLOGICAL AND COGNITIVE SCIENCES

- 3835 **Equality bias impairs collective decision-making across cultures**
Ali Mahmoodi, Dan Bang, Karsten Olsen, Yuanyuan Aimee Zhao, Zhenhao Shi, Kristina Broberg, Shervin Safavi, Shihui Han, Majid Nili Ahmadabadi, Chris D. Frith, Andreas Roepstorff, Geraint Rees, and Bahador Bahrami

SYSTEMS BIOLOGY

- 3841 **Chromatin proteomic profiling reveals novel proteins associated with histone-marked genomic regions**
 Xiong Ji, Daniel B. Dadon, Brian J. Abraham, Tong Ihn Lee, Rudolf Jaenisch, James E. Bradner, and Richard A. Young

CORRECTIONS (ONLINE ONLY)

CHEMISTRY, SYSTEMS BIOLOGY

- E1507 **Efficient solar-to-fuels production from a hybrid microbial–water-splitting catalyst system**
Joseph P. Torella, Christopher J. Gagliardi, Janice S. Chen, D. Kwabena Bediako, Brendan Colón, Jeffery C. Way, Pamela A. Silver, and Daniel G. Nocera

APPLIED BIOLOGICAL SCIENCES

- E1508 **Glycosylation profiles determine extravasation and disease-targeting properties of armed antibodies**
Dario Venetz, Christian Hess, Chia-wei Lin, Markus Aebi, and Dario Neri

CELL BIOLOGY

- E1509 **Multimodular biosensors reveal a novel platform for activation of G proteins by growth factor receptors**
Krishna K. Midde, Nicolas Aznar, Melanie B. Laederich, Gary S. Ma, Maya T. Kunkel, Alexandra C. Newton, and Pradipta Ghosh

NEUROSCIENCE

- E1510 **Plasma butyrylcholinesterase regulates ghrelin to control aggression**
Vicky Ping Chen, Yang Gao, Liyi Geng, Robin J. Parks, Yuan-Ping Pang, and Stephen Brimijoin

ix Subscription Form