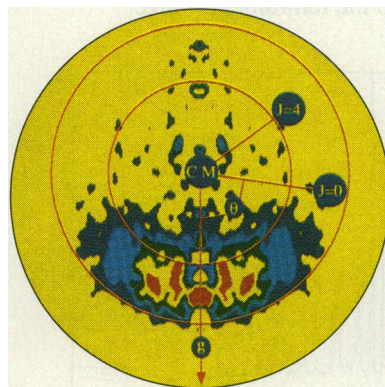
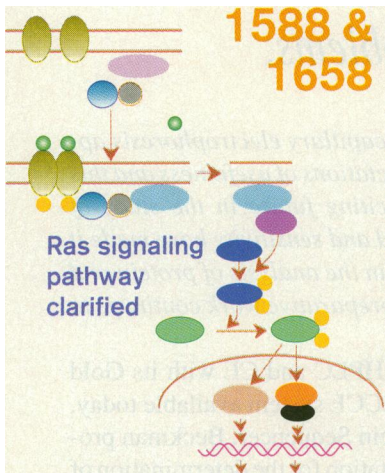


SCIENCE



1605
 A closer look at simple chemical reactions

NEWS & COMMENT

The Ozone Backlash 1580
 A Fateful Prediction
 Stratospheric Chlorine: Blaming It on Nature

Mass Job Extinctions at L.A. Museum 1584

Panel Finds Gaps in Violence Studies 1584

Japan: Breaching Industry-University Barriers 1585

RESEARCH NEWS

Forging a Path to the Nucleus 1588

Magnetism Triggers a Brain Response 1590

Getting in Touch With the Edge of the Solar System 1591

Cycles of Sex Examined for Environmental Influences 1592

Astronomy: Spinning in the Dark 1593

PERSPECTIVE

The Biological History of a Seaway 1603
 G. J. Vermeij

ARTICLES

Reaction Product Imaging: The H + D₂ Reaction 1605
 T. N. Kitsopoulos, M. A. Buntine, D. P. Baldwin, R. N. Zare, D. W. Chandler

The Biological and Social Phenomenon of Lyme Disease 1610
 A. G. Barbour and D. Fish

RESEARCH ARTICLE

Seismicity Remotely Triggered by the Magnitude 7.3 Landers, California, Earthquake 1617
 D. P. Hill, P. A. Reasenber, A. Michael, W. J. Arabaz, G. Beroza, D. Brumbaugh, J. N. Brune, R. Castro, S. Davis, D. dePolo, W. L. Ellsworth, J. Gomberg, S. Harmsen, L. House, S. M. Jackson, M. J. S. Johnston, L. Jones, R. Keller, S. Malone, L. Munguia, S. Nava, J. C. Pechmann, A. Sanford, R. W. Simpson, R. B. Smith, M. Stark, M. Stickney, A. Vidal, S. Walter, V. Wong, J. Zollweg

DEPARTMENTS

THIS WEEK IN SCIENCE 1561

EDITORIAL 1563
 Pan-American Science Collaboration

LETTERS 1565
 Fruit Fly Aging and Mortality: L. A. Gavrilov and N. S. Gavrilova; S. J. Olshansky, B. A. Carnes, C. K. Cassel; T. J. Nusbaum, J. L. Graves, L. D. Mueller, M. R. Rose; J. R. Carey, J. W. Curtisinger, J. W. Vaupel

ASSOCIATION AFFAIRS 1571
 President's Lecture: The Need for Scientific Communication with the Public: F. S. Rowland

SCIENCESCOPE 1579

RANDOM SAMPLES 1586
 Gamma-Ray Mission for ESA • Good News on Arctic Pollution • Canadian Blood Inquiry • Revising Psychiatric Diagnoses • Latin Science: What to Do? • Profile of the Aspiring Physician • More Doubt Cast on Peary's Claim

BOOK REVIEWS 1669
Beginning to Spell, reviewed by J. B. Gleason • *Before Writing*, R. K. Englund • *Trilobites*, J. B. Jago • *The Sonar of Dolphins*, J. H. Fullard • Books Received

PRODUCTS & MATERIALS 1677

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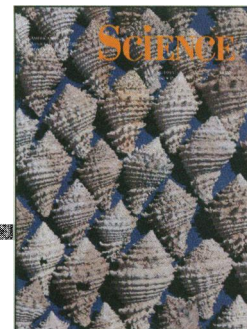
Stephen P. Goff
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 Keith Yamamoto

Fossil shells of the gastropods *Hystrivasum locklini* and *Hystrivasum horridum* from the upper Pliocene Pinecrest Beds (2.0 to 3.5 million years old), Sarasota, Florida. These species are among many that became extinct during the late Pliocene only to be replaced by new species, yielding a biota whose diversity has not

changed in 3.5 million years. See page 1626. Other evolutionary events related to the closing of the Isthmus of Panama are discussed on pages 1603, 1624, and 1629. [Photo: Joe Traver; specimens are from the Paleontological Research Institution, Ithaca, NY]



REPORTS

Diversity and Extinction of Tropical American Mollusks and Emergence of the Isthmus of Panama

J. B. C. Jackson, P. Jung, A. G. Coates, L. S. Collins

Diversity of Atlantic Coastal Plain Mollusks Since the Pliocene

W. D. Allmon, G. Rosenberg, R. W. Portell, K. S. Schindler

Divergence in Proteins, Mitochondrial DNA, and Reproductive Compatibility Across the Isthmus of Panama

N. Knowlton, L. A. Weigt, L. A. Solórzano, D. K. Mills, E. Bermingham

Large Odd-Numbered Carbon Clusters from Fullerene-Ozone Reactions

S. W. McElvany, J. H. Callahan, M. M. Ross, L. D. Lamb, D. R. Huffman

Identification of a Sex Pheromone from a Spider

S. Schulz and S. Toft

Structural Basis of Amino Acid α Helix Propensity

M. Blaber, X. Zhang, B. W. Matthews

A Nonpeptidyl Growth Hormone Secretagogue

R. G. Smith, K. Cheng, W. R. Schoen, S.-S. Pong, G. Hickey, T. Jacks, B. Butler, W. W.-S. Chan, L.-Y. P. Chang, F. Judith, J. Taylor, M. J. Wyratt, M. H. Fisher

Unidirectional Spread of Secondary Sexual Plumage Traits Across an Avian Hybrid Zone

T. J. Parsons, S. L. Olson, M. J. Braun

Evidence of DNA Bending in Transcription Complexes Imaged by Scanning Force Microscopy

W. A. Rees, R. W. Keller, J. P. Vesenka, G. Yang, C. Bustamante

DNA Sequence Determination by Hybridization: A Strategy for Efficient Large-Scale Sequencing

R. Drmanac, S. Drmanac, Z. Strezoska, T. Paunesku, I. Labat, M. Zeremski, J. Snoddy, W. K. Funkhouser, B. Koop, L. Hood, R. Crkvenjakov

Synthesis of Polycrystalline Chalcopyrite Semiconductors by Microwave Irradiation

C. C. Landry and A. R. Barron

Proliferation of Human Smooth Muscle Cells Promoted by Lipoprotein(a)

D. J. Grainger, H. L. Kirschenlohr, J. C. Metcalfe, P. L. Weissberg, D. P. Wade, R. M. Lawn

Complexes of Ras-GTP with Raf-1 and Mitogen-Activated Protein Kinase Kinase

S. A. Moodie, B. M. Willumsen, M. J. Weber, A. Wolfman

Effects of cAMP Simulate a Late Stage of LTP in Hippocampal CA1 Neurons

U. Frey, Y.-Y. Huang, E. R. Kandel

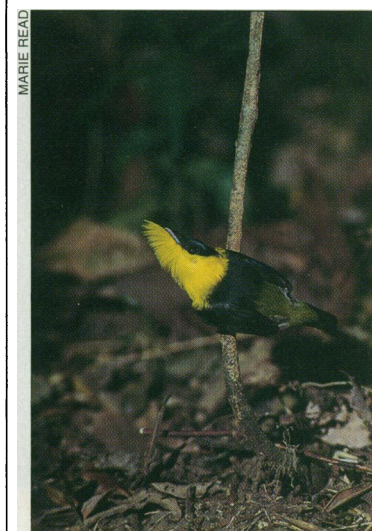
TECHNICAL COMMENTS

Explaining Fruit Fly Longevity

A. Kowald and T. B. L. Kirkwood; J. M. Robine and K. Ritchie; J. R. Carey, J. W. Curtsinger, J. W. Vaupel

Compositional Interpretations of Medfly Mortality

J. W. Vaupel and J. R. Carey



1643

Courtship display of the golden-collared manakin

MARIE READ

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260 (5114)

Science **260** (5114), 1561-1677.

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