How climate spurs evolution
Funding is tight and jobs are hard to come by, but the scientific career ladder has never presented more options. Depicted by artist Ken Perkins, the paths for scientists are winding, steep, and interlinked, connecting the traditional, vine-covered halls of academia with nontraditional scientific venues. Highlighted in the special section beginning on page 1707 are such career alternatives as corporate and biotech workplaces and environmental science ventures and such nontraditional career choices as patent law and scientific activism. [Illustration: Ken Perkins]

ARTICLES

Quasars, Blazars, and Gamma Rays 1642
C. D. Dermer and R. Schlickeiser

Galileo Encounter with 951 Gaspra: First Pictures of an Asteroid 1647

RESEARCH ARTICLE

Crystallographic Structure of the Nitrogenase Iron Protein from Azotobacter vinelandii 1653
M. M. Georgiadis, H. Komiyama, P. Chakrabarti, D. Woo, J. J. Kornum, C. Rees

REPORTS

Ring Currents in Icosahedral C50 1660
A. Pasquarello, M. Schüter, R. C. Haddon

Uranium Stabilization of C25t: A Tetravalent Fulleren 1661
T. Guo, M. D. Diener, Y. Chai, M. J. Alford, R. E. Hafler, S. M. McClure, T. Ohno, J. H. Weaver, G. E. Scuseria, R. E. Smalley

Molecular Structure of the Coalescence of Liquid Interfaces 1664
J. Koplik and J. R. Banavar

Rapid Intraplate Strain Accumulation in the New Madrid Seismic Zone 1666
L. Liu, M. D. Zoback, P. Segall

Exsolution of Hornblende and the Solubility Limits of Calcium in Orthomphile 1669
E. A. Smelik and D. R. Veblen

Responses to Elevated Carbon Dioxide in Artificial Tropical Ecosystems 1672
C. Körner and J. A. Arnone III

The Present Is Not the Key to the Past: A Polar Forest from the Permian of Antarctica 1675
E. L. Taylor, T. N. Taylor, N. R. Cúneo

Structural Models for the Metal Centers in the Nitrogenase Molybdenum-Iron Protein 1677
J. Kim and D. C. Rees

Threshold Phenomena and Long-Distance Activation of Transcription by RNA Polymerase II 1682
P. J. Laybourne and J. T. Kadonaga

Malignant Transformation by a Mutant of the IFN-Inducible dsRNA-Dependent Protein Kinase 1685
A. E. Koromilas, S. Roy, G. N. Barber, M. G. Katze, N. Sonenberg

Formation and Activation of a Cyclin E-cdk2 Complex During the G phase of the Human Cell Cycle 1689

Trypsin-Sensitive, Rapid Inactivation of a Calcium-Activated Potassium Channel 1694
C. R. Solaro and C. J. Lingle

A Strategy for Delivering Peptides into the Central Nervous System by Sequential Metabolism 1698

Regulation by ATP and ADP of CFTR Chloride Channels That Contain Mutant Nucleotide-Binding Domains 1701
M. P. Anderson and M. J. Welsh

Careers '92: Alternate Paths 1707

Indicates accompanying News story or Perspective