
EDITORIAL Energy and National Security 857

ARTICLES Hydrological and Ecological Problems of Karst Regions: H. E. LeGrand 859
Assembly of Bacterial Ribosomes: M. Nomura 864
Ambiguities in the Use of Unit Names: C. H. Page 873

NEWS AND COMMENT Technology Assessment: Congress Develops a Hybrid 875
State of the Union: An Upbeat Message on Environment 876
Reform in the House: Amending the Seniority Rule 877
Technology and the Trade Crisis: Salvation through A New Policy? 881

RESEARCH NEWS Astronomy from an X-ray Satellite: Measuring the Mass of a Neutron Star 884

BOOK REVIEWS Black English, reviewed by P. H. Wood; The Aztecs, Maya, and Their Predecessors, R. E. Fry; The Effects of Pressure on Organisms, A. A. Yañanos; Contemporary Topics in Immunoochemistry, M. M. Sigel; Advances in Cyclic Nucleotide Research, C. R. Creveling; Brain and Human Behavior, P. M. Milner; Mesic Atoms and Nuclear Structure, H. L. Anderson 886

REPORTS Coal Mine Explosions: Seasonal Trends: F. N. Kissell, A. E. Nagel, M. G. Zabetakis 891
Do the Pyramids Show Continental Drift?: G. S. Pawley and N. Abrahamsen 892
Species Number and Endemism: The Galápagos Archipelago Revisited: 
M. P. Johnson and P. H. Raven ........................................... 893
Hepatic Drug Metabolism in Rats: Impairment in a Dirty Environment: 
E. S. Vesell et al. ............................................................... 896
Amine Metabolites in Human Cerebrospinal Fluid: Effects of Cord Transection 
and Spinal Fluid Block: R. M. Post et al. .............................. 897
Carnitine Deficiency of Human Skeletal Muscle with Associated Lipid Storage 
Myopathy: A New Syndrome: A. G. Engel and C. Angelini .......... 899
Involvement of Adenosine 3',5'-Monophosphate in the Activation of Tyrosine 
Hydroxylase Elicited by Drugs: A. Guidotti and E. Costa ............. 902
Phenyketonuria: Phenylalanine Inhibits Brain Pyruvate Kinase in vivo:
A. L. Miller, R. A. Hawkins, R. L. Veech .............................. 904
Angiotensin II: Important Role in the Maintenance of Arterial Blood 
Pressure: J. A. Johnson and J. O. Davis ............................... 906
Norepinephrine-Containing Neurons: Changes in Spontaneous Discharge Patterns 
during Sleeping and Waking: N. Chu and F. E. Bloom ............... 908
Diazacholesterol Myotonia: Accumulation of Desmosterol and Increased Adenosine 
Triphosphatase Activity of Sarcolemma: J. B. Peter and W. Fiehn .... 910
Fate of the Nucleus of the Marrow Erythroblast: M. Tavassoli and W. H. Crosby .. 912
Proton Beam Radiography in Tumor Detection: V. W. Steward and A. M. Koehler .. 913
Synthesis of Infective Poliovirus in BSC-1 Monkey Cells Enucleated with 
Cytochalasin B: R. Pollack and R. Goldman ........................... 915
Reduced Monoamine Oxidase Activity in Platelets: A Possible Genetic Marker 
for Vulnerability to Schizophrenia: R. J. Wyatt et al. .................. 916
Multilane Vehicular Traffic and Adaptive Human Behavior: R. Herman, 
T. Lam, I. Prigogine ........................................................... 918
Cannabis and Alcohol: Effects on Simulated Car Driving: O. J. Rafaelsen et al. .... 920

ASSOCIATION AFFAIRS
Problems of Population: R. Revelle; Wildlife and Its Environments in the Americas: 
R. H. Baker; Impact of Range Science in the Americas: F. T. Colbert .... 924

COVER
The orientation of the Great Pyramids of Giza has remained unexplained for many decades. General 
alignment is 4 minutes west of north. This deviation from the north may be explained by continental drift. See 
page 892. [Courtesy of Museum of Fine Arts, Boston, Massachusetts]
Editor's Summary