
Water for North America

Observational Neutrino Astronomy: J. N. Bahcall

Dynamics of Epidemics of Plant Disease: J. E. Van der Plank

Herbert Hoover, Engineer: F. E. Terman

Callanish, a Scottish Stonehenge: G. S. Hawkins

Potlach, Power, and Social Structure: A. Kuhn

The Science and Technology of Tungsten, Tantalum, Molybdenum, Niobium, and Their Alloys, reviewed by L. M. Kushner; other reviews by P. J. Hilton, D. D. Dziewiatkowski, J. De Vries, R. M. Baron, W. Earle, E. W. Hanly, A. D. Howard, G. R. Noggle, L. L. Engel, E. Lukacs

Stishovite: Synthesis by Shock Wave: P. S. De Carli and D. J. Milton

Precipitous Continental Slopes and Considerations on the Transitional Crust: C. Emiliani

Trinitiated Water as a Tool for Ecological Field Studies: F. W. Woods and D. O'Neal

Cyanamide Formation under Primitive Earth Conditions: A. Schimpi, R. M. Lemmon, M. Calvin

Ribonucleic Acids of the Ilyanassa Embryo: J. R. Collier

Production of Oosporein and Its Leuco Form by Basidomycete Species: H. Takeshita and M. Anchel


Localization of Calcium-Accumulating Structures in Striated Muscle Fibers: L. L. Costantin, C. Franzini-Armstrong, R. J. Podolsky

Interference between "Sex-Ratio" Agents of Drosophila willistoni and Drosophila nebulosa: B. Sakaguchi, K. Oishi, S. Kobayashi

Activation Heat in Muscle: Method for Determination: C. L. Gibbs and N. V. Riechiut

Thymus: Role in Resistance to Polyoma Virus Oncogenesis: L. W. Law

Spore Discharge in Basidiomycetes: A Unified Theory: D. B. O. Savile

Glutathione as an Inducer of Feeding in Ticks: R. Galun and S. H. Kindler


Arbovirus Hemagglutinin Inhibitor in Acetone-Extracted Serums from Normal Chickens: P. Holden, L. C. LaMotte, R. B. Shriners

Transpiration and Stomatal Opening with Changes in Carbon Dioxide Content of the Air: J. E. Pallas, Jr

Moth Sounds and the Insect-Catching Behavior of Bats: D. C. Dunning and K. D. Roeder


MEETINGS


DEPARTMENTS

New Products

COVER

Trace (made with precision depth recorder) of the foot of the North American continent east of Eleuthera Island, Bahamas. The vertical exaggeration is 12 to 1. The sloping surface (left), with an inclination of 16 degrees, is the foot of the continental slope. The flat surface to the right is that of the Blake-Bahama Abyssal Plain, which occurs here at a depth of 4825 meters. See page 145.