AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

R & D COLLOQUIUM

Eight Annual AAAS Colloquium on R & D Policy; Advance Registration Form.

BOOK REVIEWS

Mitochondrial Genes, reviewed by N. W. Gillham; Neuronal Development, S. C. Landis; Origin of Life and Mineral Deposits and the Evolution of the Biosphere, J. L. Bada; Climatic Change in Later Prehistory, W. R. Farrand; Books Received

REPORTS

Ammonium-Nitrogen in Green River Formation Oil Shale: J. E. Cooper and W. S. Evans


Oncogene from Human EJ Bladder Carcinoma Is Located on the Short Arm of Chromosome 11: B. de Martinville et al.

Drug-Induced Alterations of Cytokeratin Organization in Cultured Epithelial Cells: L. W. Knapp, W. M. O'Guin, R. H. Sawyer

5' Viral and Human Cellular Sequences Corresponding to the Transforming Gene of Simian Sarcoma Virus: S. F. Josephs et al.

Leaf Dimorphism in Aquatic Angiosperms: Significance of Turgor Pressure and Cell Expansion: P. A. Deschamp and T. J. Cooke

A Fossil Noctuid Moth Egg from the Late Cretaceous of Eastern North America: L. F. Gall and B. H. Tiffney

Primate Ducts of Renal Dysplasia Induced by Culturing Ureteral Buds Denuded of Condensed Renal Mesenchyme: M. Maizels and S. B. Simpson, Jr.

Expression of a Cellular Oncogene During Liver Regeneration: M. Goyette et al.

Development of the Place Principle: Acoustic Trauma: E. W Rubel and B. M. Ryals

Development of the Place Principle: Tonotopic Organization: W. Lippe and E. W Rubel

Development of Hindlimb Locomotor Activity in the Bullfrog (Rana catesbeiana) Studied in vitro: D. J. Stehouwer and P. B. Farel

Technical Comments: Thermoregulation and Mate-Selection in Fowler's Toads?: K. A. Christian and C. R. Tracy; L. Fairchild

COVER

Erosion from a 9-centimeter rain falling in 45 minutes in mid-May 1982 on a field in Woodbury County, Iowa. The area received as much as 23 centimeters of rain during the week. Erosion was estimated to be as much as 330 tons per hectare (2.5 centimeters). About 90,000 hectares of cropland were heavily damaged by the storm. See page 458. [Lynn Betts, Soil Conservation Service]