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LETTERS

EDITORIAL

Self-Development .......................................................... 641

ARTICLES

Cytodifferentiation and Its Controls: C. Grobstein .......................... 643

Intrinsic and extrinsic cellular controls intimately interact in differentiative synthesis.

Microenvironments and Mesoamerican Prehistory: M. D. Coe and K. V. Flannery ..... 650

Fine-scale ecological analysis clarifies the transition to settled life in pre-Columbian times.

Thermal Control in Space Vehicles: A. L. Alexander .......................... 654

Organic coatings provide convenient and relatively inexpensive means of regulating interior temperature.

NEWS AND COMMENT

Civilian Technology: Realignment for Program—Congress and Science: Inquiries Currently Quiet—Narcotics: New Prescription .......................... 660

BOOK REVIEWS

The Biological Sciences Curriculum Study Publications: J. K. Brierley .......................... 668

Infra-Red Spectroscopy and Molecular Structure, reviewed by E. A. Burns; other reviews by E. L. Core, T. A. Vanderslice, E. Segrè, G. H. Wannier, H. S. Peiser, L. H. Loomis .......................... 671

REPORTS

Helium Difluoride: Possible Preparative Techniques Based on Nuclear Transmutations: G. C. Pimentel, R. D. Spratley, A. R. Miller .......................... 674

Antiquity of American Polyploid Cotton: C. E. Smith, Jr., and R. S. MacNeish ............. 675


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Mössbauer Effect in Hemoglobin with Different Ligands: U. Gonser, R. W. Grant, J. Kröpcke ........................................ 680
Toxic Residues in Soil 9 Years after Treatment with Aldrin and Heptachlor: A. T. S. Wilkinson, D. G. Finlayson, H. V. Morley ............ 681
Actinomycin D as a Probe for Nucleic Acid Secondary Structure: R. Haselkorn ........................................ 682
Actinomycin: Correlation of Structure and Function of Its Complexes with Purines and DNA: E. Reich ........................................ 684
Diabetes Mellitus in the Sand Rat Induced by Standard Laboratory Diets: K. Schmidt-Nielsen, H. B. Haines, D. B. Hackel ............ 689
Water Transport across Root Cell Membranes: Effect of Alkenylsuccinic Acids: P. J. C. Kuiper ........................................ 690
Reduction of Transpiration of Leaves through Stomatal Closure Induced by Alkenylsuccinic Acids: I. Zelitch ........................................ 692
Histone Staining with Ammoniacal Silver: M. M. Black and H. R. Ansley ........................................ 693
Autorigiographic Distribution of Radioactive Sodium in Rat Kidney: P. F. Mercer and R. H. Wasserman ........................................ 695
Hemoglobin Gcousiiatt.: A New Variant in an American Indian Family: R. G. Schneider et al. ........................................ 697
Mutarotase Inhibition by L-Deoxyglucose: A. S. Keston ........................................ 698
Heterotransplantation of the Kidney: Two Clinical Experiences: K. Reemtsma et al. ........................................ 700
Intracranial Reward Delay and the Acquisition Rate of a Brightness Discrimination: R. E. Keesey ........................................ 702

MEETING REPORTS
Polymers: Thermal Stability; Geology and Trace Elements: Relation to Nutrition; Forthcoming Events ........................................ 704

DEPARTMENTS
New Products ........................................ 713

COVER
Reverse autoradiograph showing distribution of radiosodium in rat kidney; the light areas correspond to radioactive deposition. Two regions of sodium concentration can be distinguished: one is near the junction between the inner and outer medulla and the other is deeper within the medulla. The specimen was prepared from a frozen kidney section 10 microns thick. The picture was made with nonscreen X-ray film which had been exposed at -20°C. See page 695.