The United Nations Scientific Conference for the Conservation and Utilization of Resources: Carl N. Gibbons 675

Age Determinations by Radiocarbon Content: Checks with Samples of Known Age: J. R. Arnold and W. F. Libby 678

Technical Papers

An Inverse Decibel Log Frequency Method for Determination of the Transfer Functions of Psychobiological Systems: George L. Kreeger 681

Some New Finds of Fossil Ganoids in the Virginia Triassic: Francis M. Baer and William H. Martin 684

Colchicine Poisoning in Relation to Hemerocallis and Some Other Plants: Hamilton P. Traub 686

Preparation of a Radioactive Oxazine Dye: Henry A. Sloviter 687

Occurrence and Life Histories of Commercial Shrimp: Martin D. Burkenroad 688

Periodate Oxidation in the Study of the Structure of Dextrins: P. W. Kent 689

The Potentiating Effect of Glucose and Its Metabolic Products on Barbiturate Anesthesia: Paul D. Lamson, Margaret E. Greig, and B. Howard Robbins 690

Comments and Communications

On the Discovery of the Action of Colchicine on Mitosis in 1889; A Nomination for the ISCC; Solar Rotation and Kepler's Laws; Corneal Contact Lens Reference; Guarded Circuit Bridge; Report from Sweden 692

Book Reviews

Isotopic tracers and nuclear radiations: With applications to biology and medicine: William E. Siri. Reviewed by C. W. Sheppard 696

Scientific Book Register 696

News and Notes 697


Manuscripts submitted for publication should be sent to the Editorial Office, with stamped, self-addressed envelope enclosed for possible return. The AAAS assumes no responsibility for the safety of the manuscripts or for the opinions expressed by contributors.

Annual subscription, $7.50; single copies, $0.25; foreign postage, outside the Pan-American Union, $1.80; Canadian postage, $0.50. Remittances and orders for subscriptions and single copies should be sent to the Circulation Department, Science, 1515 Massachusetts Ave., N.W., Washington 5, D. C. Membership correspondence for the AAAS should be addressed to the Administrative Secretary of the same address.

Change of address. Four weeks' notice is required for change of address. This should be sent to Science Recorder, 1515 Massachusetts Ave., N.W., Washington 5, D. C. When ordering a change, it is necessary to furnish an address stencil label from a recent issue. Claims for a missing number will not be allowed if received more than 60 days from date of issue. No claims allowed from subscribers due to failure to notify the Circulation Department of a change of address or because an issue is missing from their files, or for any reason from subscribers in Central Europe, Asia, or the Pacific Islands (other than Hawaii).

The AAAS also publishes The Scientific Monthly. Subscription rates on request.