LETTERS

Chrysotile Asbestos: Effects of Human Exposure: A. N. Rohl, A. M. Langer, I. J. Selikoff; Outer Continental Shelf Operating Regulations: D. D. Smith and K. F. Graham; Frigogine at the University of Texas: J. D. Swartz

EDITORIAL

Conservation: The Minnesota Plan: J. P. Millhone

ARTICLES

Oxygen and Hydrogen Isotopic Ratios in Plant Cellulose: S. Epstein, P. Thompson, C. J. Yapp

Metals as Regulators of Heme Metabolism: M. D. Maines and A. Kappas

Anaerobiosis and a Theory of Growth Line Formation: R. A. Lutz and D. C. Rhoads

NEWS AND COMMENT

Creative Penmanship in Animal Testing Prompts FDA Controls

Science in Europe/Attack on Marxists Stirs Controversy

Lactrele at Sloan-Kettering: A Question of Ambiguity

Briefing: Waterfowl Hunters Must Give Up Lead Shot; A Mixed Verdict on NBC Nuclear Waste Documentary; More Burning of Coal Offsets Gains in Air Pollution Control

RESEARCH NEWS

Big Astronomy in Chile: The Southern Observatories Come of Age

ANNUAL MEETING

Meeting Program—Part III; Science Film Festival: B. Grey; Registration and Housing Forms

BOOK REVIEWS

Birth Defects and Drugs in Pregnancy, reviewed by I. Leck; Peptides in Neurobiology, L. Iversen; Grasshoppers and Locusts, M. J. D. White; Cell Hybrids, T. B. Shows

REPORTS

Evidence for a Pollination-Drop Mechanism in Paleozoic Pteridosperms:  
G. W. Rothwell .................................................. 1251
Calcium Oxalate: Occurrence in Soils and Effect on Nutrient and Geochemical  
Cycles: W. C. Graustein, K. Cromack, Jr., P. Sollins .......................... 1252
Oxygen Isotopic Analysis of the Size Fraction Between 62 and 250 Micrometers in  
Caribbean Cores P6304-8 and P6304-9: C. Emiliani .......................... 1255
Polychloroborane Components of Toxaphene: Structure-Toxicity Relations and  
Metabolic Reductive Dechlorination: M. A. Saleh, W. V. Turner, J. E. Casida .... 1256
Histone Occurrence in Chromatin from Peridinium balticum, a Dinoflagellate:  
P. J. Rizzo and E. R. Cox ........................................ 1258
Chemical Evidence for Separating the Psilotaecae from the Filicales:  
G. Cooper-Driver .................................................. 1260
Spiroplasmavirus citr3: Propagation, Purification, Proteins, and Nucleic Acid:  
Noninvasive, Infrared Monitoring of Cerebral and Myocardial Oxygen Sufficiency  
and Circulatory Parameters: F. F. Jobsis ................................ 1264
Neuronal Architecture of On and Off Pathways to Ganglion Cells in Carp Retina:  
E. V. Famiglietti, Jr., A. Kaneko, M. Tachibana ............................... 1267
Structural Basis for On- and Off-Center Responses in Retinal Bipolar Cells:  
W. K. Stell, A. T. Ishida, D. O. Lightfoot ................................ 1269
Body Weight: Reduction by Long-Term Glycerol Treatment: D. Wirtshafter and  
J. D. Davis .......................................................... 1271
Methylphenidate in Hyperkinetic Children: Differences in Dose Effects on Learning  
and Social Behavior: R. L. Sprague and E. K. Sleator ....................... 1274
Masking of Electrical by Acoustic Stimuli: Behavioral Evidence for Tonotopic  
Organization: C. J. Fredericksen and G. M. Gerken ......................... 1276
Receptive Fields of Auditory Neurons in the Owl: E. J. Knudsen, M. Konishi,  
J. D. Pettigrew ..................................................... 1278

Technical Comments: Neoplastic Skin Lesions in Salamanders from a Sewage  
Lagoon Containing Perylene: J. G. Windsor, Jr., R. E. Laflamme, R. A. Hites;  
F. L. Rose; Potassium Accumulation in Frog Muscle: The Association-  
Induction Hypothesis versus the Membrane Theory: G. N. Ling; J. Gulati  
and L. G. Palmer; The Nematode Caenorhabditis elegans: A New Organism  
for Intensive Biological Study: R. S. Edgar and W. B. Wood .................. 1280

PRODUCTS AND  
MATERIALS  
Tissue Sample Holder; Sterilizers; Sphygmanometer; Microbiological Hood;  
Heat Flow Sensor; Computing Planimeter; Sodium-Potassium Detector;  
Recorders; Centrifuge Rotor; Stereo microscope; Microtiterator; Literature . . 1287

COVER  
Crystals of weddellite (calcium oxalate dihydrate) adhering to hyphae of the  
fungus, Hysterangium crassum, in a soil developed under Douglas fir in the  
Oregon coast ranges. Masses of hyphae are actually white. (Field of view about  
70 micrometers). See page 1252. [Scanning electron micrograph by Alan  
Pooley, Yale University, New Haven, Connecticut]
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**
Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/198/4323.citation

**Permissions**
Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl