LETTERS

Fetal Research: C. C. Edwards; Fishery Conservation: J. Joseph; L. J. Carter; Optical Brighteners and Social Responsibility: B. O. Gillberg

EDITORIAL

The Problem of Urban Dogs: B. M. Feldman

ARTICLES

Homos and Heteros among the Hemos: R. Benesch and R. E. Benesch

Abortion, Illegitimacy, and the American Birth Rate: J. Sklar and B. Berkov


NEWS AND COMMENT

Chiropractic: Healing or Hokum? HEW Is Looking for Answers

Putting It Together for Science at the State Department

Science and Its Critics: Must Rationality Be Rationed?

Trident: Lawsuit Challenges the Navy's Billion-Dollar Baby

RESEARCH NEWS

Nerve Growth Factor: Regulatory Role Examined

Kung Hunter-Gatherers: Feminism, Diet, and Birth Control

BOOK REVIEWS

Alaskan Arctic Tundra and The Impact of Oil Resource Development on Northern Plant Communities, reviewed by L. C. Bliss; Development of Biochemical Concepts from Ancient to Modern Times, J. S. Fruton; Pinen Chemistry, O. Hayaishi; The Discovery of the Conservation of Energy, T. L. Hankins; Fluorine in Organic Chemistry, W. A. Sheppard; The Solar Chromosphere, O. R. White; Recent Sedimentary Carbonates, R. F. Schmalz; Books Received

---

SCIENCE is published weekly, except the last week in December, by the American Association for the Advancement of Science, 1515 Massachusetts Ave., NW, Washington, D.C. 20005. Copyright © 1974 by the American Association for the Advancement of Science. Member rates on request. Annual subscription $40; foreign postage: Americas $6, overseas: $8, air freight to Europe $20. Single copies $1 (back issues, $2) except Guide to Scientific Instruments which is $4. School year subscription: 9 months $30; 10 months $33.50 Provide 6 weeks notice for change of address, giving new and old address and zip codes. Send a recent address label. Science is indexed in the Reader's Guide to Periodical Literature.
Salt Fingers Observed in the Mediterranean Outflow: A. J. Williams 3rd .......................... 941
Attempt to Date Early South African Hominids by Using Fission Tracks in Calcite: D. MacDougall and P. B. Price ................................................................. 943
Acetylcholine Noise: Analysis after Chemical Modification of Receptor: E. M. Landau and D. Ben-Haim ................................................................. 944
Hemoglobin Switching in Sheep and Goats: Occurrence of Hemoglobins A and C in the Same Red Cell: A. W. Nienhuis and H. F. Bunn ................................................................. 946
Menstrual Cycles: Fatness as a Determinant of Minimum Weight for Height Necessary for Their Maintenance or Onset: R. E. Frisch and J. W. McArthur ................................................................. 949
Toxicity in Sponges and Holothurians: A Geographic Pattern: G. J. Bakus and G. Green ................................................................. 951
Isolated Brain Microvessels: A Purified, Metabolically Active Preparation from Bovine Cerebral Cortex: K. Brendel, E. Meezan, E. C. Carlson ................................................................. 953
MIF-Like Activity in Simian Virus 40–Transformed 3T3 Fibroblast Cultures: M. E. Hammond et al. ................................................................. 955
Barley Stripe Mosaic Virions Associated with Spindle Microtubules: D. E. Maykew and T. W. Carroll ................................................................. 957
Mitogenic Activity of Steric Acid, a Cyclopropenoid Fatty Acid: D. G. Scarpelli ................................................................. 958
Reversal by l-Dopa of Impaired Learning Due to Destruction of the Dopaminergic Nigro-Neostriatal Projection: A. P. Zis, H. C. Fibiger, A. G. Phillips ................................................................. 960

Synaptic Organization: E. Roberts and K. Kuriyama; Forthcoming Events ................................................................. 964
Coulometry System; Rotating Axis Protractor; Scanning Hygrometer; Electron Capture Detector; Electronic Planimeter; Suture for Eye Surgery; Literature ................................................................. 979

Cover

Strait of Gibraltar where warm, salty Mediterranean water spills across a sill, intrudes into the cooler, fresher Atlantic water, and spreads west at a depth of 1200 meters. Sinking of salt from this warm core to the fresher water below occurs by a convective process called salt fingering. The rain catchment on Gibraltar is a reminder that water is separated from salt by solar energy but in the steady state must mix again as beneath the Mediterranean outflow. See page 941. [U.S. Navy]
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/185/4155

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