This Week in Science

Editorial

409 Spanking, Reason, and the Environment

Letters


News & Comment

415 Sex and Needles, Not Insects and Pigs, Spread AIDS in Florida Town
417 French R&D: à la Reagan with Dash of De Gaulle
418 Woburn Case May Spark Explosion of Lawsuits
420 Briefing: Science Agencies Fare Well in Budget Battles • Education Secretary Uses Harvard Podium to Take Host to Task • Hanford Plant Closed Over Safety Violation • Hoechst Tests Lead EPA to Ban Herbicide • Panel Questions Shuttle Flight Rate

Research News

423 New Class of Animal Virus Found in Virulent Form of Human Hepatitis
424 An Optical Measurement of Berry’s Phase
427 Shaping New Tools for Paleocenographers

Articles

443 What Has Happened to Productivity Growth?: M. N. Bally

Research Articles

451 Saturation Mutagenesis of the Yeast his3 Regulatory Site: Requirements for Transcriptional Induction and for Binding by GCN4 Activator Protein: D. E. Hill, I. A. Hope, J. P. Macke, K. Struhl

* SCIENCE is published weekly on Friday, except the last week in December, and with an extra issue in May by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 484460) paid at Washington, DC, and at an additional entry. Now combined with The Scientific Monthly® Copyright © 1996 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): $65. Domestic institutional subscription (51 issues): $98. Foreign postage extra: Canada $24, other (surface mail) $27, air-surface via Amsterdam $65. First class, airmail, school-year, and student rates on request. Single copies $2.50 ($3 by mail); back issues $4 ($4.50 by mail);Biotechnology issue, $5.50 ($6 by mail); classroom rates on request; Guide to Biotechnology Products and Instruments $16 ($17 by mail). Change of address: allow 6 weeks, giving old and new addresses and seven-digit account number. Authorization to photocopy material for internal or personal use under circumstances not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $1 per copy plus $0.10 per page is paid directly to CCC, 22 Congress Street, Salem, Massachusetts 01970. The identification code for Science is 0036-8075/83 $1 + .10. Postmaster: Send Form 3579 to Science, 1333 H Street, NW, Washington, DC 20005. Science is indexed in the Reader’s Guide to Periodical Literature and in several specialized indexes.

The American Association for the Advancement of Science was founded in 1848 and incorporated in 1874. Its objects are to further the work of scientists, to facilitate cooperation among them, to foster scientific freedom and responsibility, to improve the effectiveness of science in the promotion of human welfare, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.
Mature sporangium of *Rhinosporidium seeberi* discharging endospores through a single pore. The organisms were present in a large polyp located in the external nares of a dog. Mature sporangia are approximately 100 to 400 micrometers in diameter and have relatively thin walls. They contain endospores that may be in various stages of maturation. This section is 1 micrometer in thickness and stained with toluidine blue. See page 474. [Donald J. Meuten, School of Veterinary Science, North Carolina State University, Raleigh, NC 27606]
Science 234 (4775), 407-494.