The Weekly Newsmagazine of Science

A Science Service Publication Volume 133, No. 26, June 25, 1988

E.G. Sherburne Jr. Patrick Young Dietrick E. Thomsen

Senior Editor/ Physical Sciences Managing Editor Laurie Jackson Wendy McCarren Director

Bruce Bower Richard Monastersky Christopher Vaughan, Stefi Weisburd

Carol Eron, Rick Weiss Ivars Peterson Janet Raloff Jonathan Eberhart Janice Rickerich

Laura Beil. Melissa Hendricks Jane M. Livermore Donald R. Harless

Publisher Editor

Production/Design **Behavioral Sciences** Earth Sciences General Science

Life Sciences/ Biomedicine

Mathematics/Technology Policy/Technology Space Sciences Assistant to the Editor

Science Writer Interns Books

Advertising/Business Manager

Copyright © 1988 by Science Service, Inc., Editorial and Business Offices, 1719 N St., N.W., Washington, D.C. 20036. Republication of any portion of SCIENCE NEWS without written permission of the publisher is prohibited

Subscription Department 231 West Center Street, Marion, Ohio 43305

Subscription rate: 1 yr., \$34.50; 2 yrs., \$58.00. (Foreign postage \$6.00 additional per year.) Change of address: Four to six weeks' notice is required. Please address: Four to six weeks' notice is required. Please state exactly how magazine is to be addressed. Include zip code. For new subscriptions only call (1) 800-247-2160. Printed in U.S.A. Second class postage paid at Washington, D.C., and additional mailing offices. Title registered as trademark U.S. and Canadian Patent Offices. Published every Saturday by SCIENCE SERVICE, Inc., 1719 N St., NW., Washington, D.C. 20036. (202-785-2255) ISSN 0036-8423

This Week

404

404	numan Gene-Spilice lest Considered
404	Galactic views through thick and thin
405	AIDS meeting suggests basic research gaps
405	HIV panel completes report
406	Scheduling science aboard the shuttle
406	Growing a fibrous superconductor
406	Ancient amphibians found in Iowa
407	Neuron selectivity: Down memory lane
407	Hairy portals for toxic chemicals
407	Birth-control vaccine safe in early tests

Human Gana Splice Test Considered

Research Notes

410 Chemistry 410 **Earth Sciences**

Articles

408 Bug Banking: A Growing Business

> Cover: Aspergillus, a common fungus useful in the production of fermented food and chemical products, is one of thousands of microscopic life forms preserved in cold storage at the American Type Culture Collection in Rockville, Md. With its freezers full of hype Culture Collection in Hockville, Md. With its freezer's full of bacteria, fungi and other microbial life forms, the collection serves as a sort of "reference library" for researchers around the world. Moreover, recent interpretations of U.S. patent laws suggest that genetically engineered embryos may soon find a place on the collection's shelves. (Photo: Visuals Unlimited)



Departments

402 Science on the Air

402 **Books** 403 Letters

411 Semi-Annual Index

Science Service Institution for the public understanding of science founded 1921; a nonprofit corporation. Board of Trustees — President, Glenn T. Seaborg; Vice President, Gerald F. Tape; Treasurer, Willis Harlow Shapley; Secretary, Hilleary F. Hoskinson; Joseph W. Berg Jr.; Edward Bliss Jr.; Bowen C. Dees; David A. Goslin; J. David Hann; Milton Harris; Elena O. Nightingale; O.W. Riegel; H. Guyford Stever; John Troan; Deborah P. Wolfe.

Director: E. G. Sherburne Jr.; Assistant Director: Dorothy Schriver; Business Manager: Donald R. Harless

Letters

'Earthquake weather'

As a native Californian riding his fifth decade on the Pacific plate, I can confirm that when the dry Santa Ana winds blow we enter "earthquake weather" ("When the winds blow, does the earth quake?" SN: 5/7/88, p.299). Further, when the Santa Ana has blown strongly through the night, we are most likely to have a good shake at early dawn when the sun first vaguely lights the sky.

David C. Kolpacoff El Cajon, Calif.

Baby doctors?

In "Epileptic PET Probes" (SN: 4/30/88, p.280), Bruce Bower writes, "At age 15 months, neurosurgeons removed the extensive mass of seizure-causing tissue.'

Thanks for this new twist on the old joke about baby doctors.

Steven H. Strogatz Cambridge, Mass.

Poisoned condors

In "Happy birthday, condor chick" (SN: 5/7/88, p.295), the statement that "the birds have soared close to extinction in modern times - partly due to feeding on leadshotpoisoned carcasses abandoned by hunters as well as other hazards" is patently untrue. There has never been a verified case of a condor dying from leadshot poisoning.

Everybody" knows that lead is poisonous and that condors are scavengers. Therefore people assume that condors die from scavenging shot and abandoned animals. This assumption is totally unscientific because it is stated as fact, as in your article, without accompanying proof.

Michael V Stratton New York, N.Y.

According to a report in the Nov. 1, 1986 JOURNAL OF THE AMERICAN VETERINARY MEDI-CAL ASSOCIATION (Vol. 189, No.9), autopsies of four dead condors revealed that three died of ingested lead; the other died of cyanide poison--S. Weisburd

Address communications to Editor, Science News, 1719 N Street, N.W. Washington, D.C. 20036 Please limit letters to 250 words

JUNE 25, 1988 403