

thrive on the famed antibiotic, but it also may have a "partial dependency" on streptomycin for growth.

This startling effect is believed to have been discovered for the first time in human TB at the Veterans Administration Hospital (Lawson) at Atlanta, Ga. The case is reported in the PUBLIC HEALTH REPORTS (Sept. 3) of the U. S. Public Health Service by Drs. George A. Spendlove and Martin M. Cummings of the Public Health Service Tuberculosis Evaluation Laboratory; and Drs. William B. Fackler, Jr., and Max

Michael, Jr., of the hospital and the Emory University School of Medicine.

A patient was treated with penicillin for tuberculosis of the lungs at the VA hospital. He improved, but his saliva was still positive for TB germs. Streptomycin treatment was begun. After four months, the physicians described his course as "down-hill."

They made laboratory tests with the strain of TB which the patient had. This kind of TB germs had its growth "markedly enhanced" by the antibiotic.

Science News Letter, October 2, 1948

Letters To The Editor

Molds Development

Subscribing to SNL has been an important formative force in molding the development of my son now in high school and helping him direct and find himself.

Congratulations on this multiplied, I hope, one hundred thousand times throughout the youth of our great and scientific-hungry country.—M. M. Boston, Mass.

Besides Science News Letter and the other two personal subscription services, CHEMISTRY (monthly) and THINGS of science (monthly), Science Service offers every science teacher free affiliation of her science club or group with Science Clubs of America. This brings all the material necessary for a successful hobby study of sciences in or out of the classroom. We hope readers will encourage teachers, particularly in the high schools, to take advantage of this cooperation.

Cain and Abel Version

I read your interpretation of the Cain and Abel incident (SNL, July 31). I have heard a somewhat different version and thought you might be interested in it.

Cain was the farmer. He had just broken the soil and found that agriculture on soil

that had not been tilled before was rather difficult. As a result, his crops were small; and his sacrifice was also small.

His brother, on the other hand, remained a shepherd and made a rather comfortable living from the good grazing lands. His large sacrifice was acceptable.

We can perhaps imagine Abel taunting his brother about his failure to please the Lord. Cain, who had worked harder and given more in proportion to his income than his brother, became angry and slew his brother.

Perhaps a moral for this day can well be drawn from the story. "Abel, where is thy brother, Cain?" has more meaning for us today than perhaps the traditional phraseology.—Bill Jackson, Madison, Wis.

There seem to be a number of such amplifications of the rather scanty account in Genesis. Another, from a California correspondent, is that Abel drove a flock of his sheep across Cain's field, ruining his crop—and the fight was on. Whether this actually happened long ago, somewhere just west of Eden, there is no doubt it has happened often enough elsewhere—with results as originally described in Genesis.

Well Balanced in Sciences

Science News Letter is an excellent publication and one that I would like to save. The content is well balanced with respect to various sciences and there is always something of interest to me. The Books of the Week section has become indispensable.—Robert Misch, Whiting, Ind.

Good Reference Source

Science News Letter is a timely, well prepared magazine, which any man of science, layman or amateur, would be pleased to read and keep permanently for a reference source.—Capt. Walter White, Jr., 351 Infantry Communication Officer.

SCIENCE NEWS LETTER

Vol. 54 OCTOBER 2, 1948 No. 14

54,600 copies of this issue printed

The Weekly Summary of Current Science, published every Saturday by SCIENCE SERVICE, Inc., 1719 N St., N. W., Washington 6, D. C., North 2255. Edited by WATSON DAVIS.

Subscription rates: 1 yr., \$5.50; 2 yrs., \$10.00; 3 yrs., \$14.50; single copy, 15 cents, more than six months old, 25 cents. No charge for foreign postage.

Change of address: Three weeks notice is required. When ordering a change, please state exactly how magazine is now addressed. Your new address should include postal zone number if you have one.

Copyright, 1948 by Science Service, Inc. Reproduction of any portion of SCIENCE NEWS LETTER is strictly prohibited. Newspapers, magazines and other publications are invited to avail themselves of the numerous syndicate services issued by Science Service. Science Service also publishes CHEMISTRY (monthly) and THINGS of Science (monthly).

Printed in U. S. A. Entered as second class matter at the post office at Washington, D. C., under the act of March 3, 1879. Established in mimeographed form March 18, 1922. Title registered as trademark, U. S. and Canadian Patent Offices. Indexed in Readers' Guide to Periodical Literature, Abridged Guide, and the Engineering Index.

Member Audit Bureau of Circulation. Advertising Representatives: Howland and Howland, Inc., 393 7th Ave., N.Y.C., Pennsylvania 6-5566 and 360 N. Michigan Ave., Chicago, STAt 4439.

SCIENCE SERVICE

The Institution for the Popularization of Science organized 1921 as a non-profit corporation.

Board of Trustees—Nominated by the American Association for the Advancement of Science: Edwin G. Conklin, Princeton University; Karl Lark-Horowitz, Purdue University; Kirtley F. Mather, Harvard University. Nominated by the National Academy of Sciences: Harlow Shapley, Harvard College Observatory; Warren H. Lewis, Wistar Institute; R. A. Millikan, California Institute of Technology. Nominated by the National Research Council: Hugh S. Taylor, Princeton University; Ross G. Harrison, Yale University; Alexander Wetmore, Secretary, Smithsonian Institution. Nominated by the Journalistic Profession: A. H. Kirchofer, Buffalo Evening News; Neil H. Swanson, Baltimore Sun Papers; O. W. Riegel, Washington and Lee School of Journalism. Nominated by the E. W. Scripps Estate; H. L. Smithton, E. W. Scripps Trust; Frank R. Ford, Evansville Press; Charles E. Scripps, Scripps Howard Newspapers.

Officers—President: Harlow Shapley, Vice President and chairman of Executive Committee: Alexander Wetmore, Treasurer: O. W. Riegel, Secretary: Watson Davis.

Staff—Director: Watson Davis. Writers: Frank Thone, Jane Stafford, A. C. Monahan, Marjorie Van de Water, Marita G. Morrow, Ron Ross, Lydia Schweiger. Science Clubs of America: Joseph H. Kraus, Margaret E. Patterson. Photography: Fremont Davis. Sales and Advertising: Hallie Jenkins. Production: Priscilla Howe.

Question Box

AERONAUTICS

What devices make aircraft today more reliable? p. 220

AGRICULTURE

How may fresh vegetables be kept from wilting? p. 210

MEDICINE

How is hot food linked to cancer? p. 213
What are some of the advantages of the new plastic dressing for wounds? p. 217

Photographs: Cover, Chicago Natural History Museum; p. 211, Northrop Aircraft, Inc.; p. 213, Firestone Plastics Co.; p. 214, p. 215, Westinghouse Electric Corp.; p. 218, American Museum of Natural History.

What studies might make injections more effective? p. 211

PSYCHOLOGY

What are some of the proposals for world peace? p. 214

What has been revealed about the drinking habits of college women? p. 215

VETERINARY MEDICINE

How may pigs aid in polio research? p. 210