

## ● RADIO

December 9, 4:15 p. m., E.S.T.  
**BIG GAME IN THE NATIONAL PARKS**  
 —Dr. H. C. Bryant of the National  
 Park Service.

December 16, 4:15 p. m., E.S.T.  
**WIVES BY THE DOZEN—IN AFRICA—**  
 Rev. Edward Ward of the Catholic Uni-  
 versity of America.

In the Science Service series of radio dis-  
 cussions led by Watson Davis, Director,  
 over the Columbia Broadcasting System.

regions, in a rather gradual spread, and some local wild cat tribes became blended in the cat race. Etruscans acquired these cats centuries before the Christian era; China about the beginning of the Christian era; England not until about 900 A. D.

And now India's most ancient civilization turns up with a cat, and a new mystery for archaeologists to explain by further digging.

*Science News Letter, December 4, 1937*

### ENGINEERING

## Use of Construction Steel Likely To Increase

**F**OUR and a half billion tons of steel, a billion tons more than at present, will be required to meet America's construction program in 1947, a decade from now.

Some of that steel will go into railroads, bridges, skyscrapers, homes—uses to which it has been put many times in the past. But more of it will go into elevated automobile highways than ever before.

This was the picture of the steel industry and steel construction which emerged from discussions by engineers attending the fifteenth annual convention of the American Institute of Steel Construction.

Use of steel for construction purposes has increased by one-fourth every ten years, F. E. Schmitt, editor of the *Engineering News-Record*, declared. The present three and a half billion tons a year should become four and a half billion tons a year in another decade, he asserted. Henry M. Stevens, J. Walter Thompson Company vice-president, predicted that other cities would follow New York in building elevated express highways to solve a mounting traffic problem.

*Science News Letter, December 4, 1937*

Meat of the pistachio nut contains an oil similar to sperm oil.

### MEDICINE

## Anti-Tuberculosis Vaccine Gives Encouraging Results

**A**N ANTI-TUBERCULOSIS vaccine to protect young children from the dread disease has been developed at the Saranac Laboratory, Saranac Lake, N. Y. Encouraging results with animal trials of the vaccine were reported by Dr. H. M. Kinghorn and Morris Dworski at the meeting of the American Clinical and Climatological Association, at Baltimore.

The vaccine, result of 11 years of work at the Saranac Laboratory, is still in the experimental stage. Dr. Kinghorn and Mr. Dworski stressed the point that reliance should not be placed solely on vaccines to prevent tuberculosis but that all

present precautionary measures should be faithfully and carefully carried out.

The Saranac vaccine is obtained from the caseous or cheesy tuberculosis mass in the center of a cow's lung or cow's gland, and is thoroughly sterilized before using. It has been tested against the vaccine of Robert Koch, and found to be greatly superior to Koch's vaccine. It has also been tested against the vaccine called BCG of the late Dr. A. Calmette of the Pasteur Institute of France, and has been found to be of equal value to this.

Calmette's BCG is an attenuated or weakened bovine or cow tubercle bacil-

*Effective January 1, 1938*

**REDUCTION IN PRICE**

**CHANGE IN ISSUE**

for the

## JOURNAL OF MORPHOLOGY

Beginning January 1, 1938, the *Journal of Morphology*, heretofore a quarterly, will be issued bimonthly, on the first of January, March, May, July, September, November.

A volume will contain 600 pages, as formerly, and will be issued in three numbers. Two volumes will be published annually.

The price is reduced from \$12.00 per volume to \$10.00 per volume, Domestic; \$10.50 per volume, Foreign.

Members of

The American Association of Anatomists.

The American Society of Zoologists

The American Association of Physical Anthropologists

subscribing to the *Journal of Morphology* at the special subscription rates offered them through membership in these societies, will now receive this journal at the further reduced rate of \$7.00 per volume.

This change has been made to meet the demands of the ever increasing number of accepted manuscripts, and to assure prompt publication.

Volume 62, No. 1 will be issued January 1, 1938.

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 Woodland Avenue and Thirty-sixth Street  
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