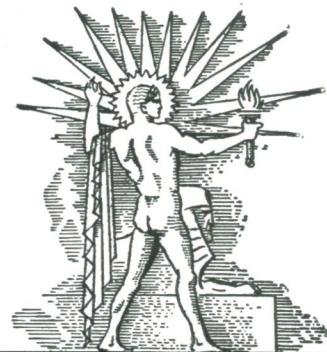


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



MAY 19, 1934

**New Sky Globe**

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## DO YOU KNOW?

Four-fifths of the raw rubber produced today goes into tires and their accessories.

The discovery that beets contain sugar, like ordinary commercial sugar, was made by a German chemist in 1747.

Apparatus for making sound motion pictures is being developed in simplified form, so that amateur talkies may soon be feasible.

Logwood, the heart-wood of a tropical tree, is important to the dye industry, the extract being used in red dye and in weighting silk.

There were 40,000 more marriages in the large German cities in 1933 than in 1932, due presumably to state efforts to promote marriage.

The chemist's success in competing with nature in producing lemon oil and citrate of lime has been a serious blow to Italy's fruit acid industry.

Government scientists are mixing small samples of synthetic soils, in an effort to find out how to improve real soils that are faulty for road building.

A parachute for helpless sick patients is the latest thing in equipment for ambulance airplanes.

Approximately one-fourth of the bird species of the United States have been found in the District of Columbia.

In the language of the African Bushmen, a word may have different meanings according to the tone and inflection of the voice.

Trachoma, the principal cause of blindness throughout the world, is reported to be on a downward trend in the United States.

The Indian Bill of Rights, sponsored by the government to improve the Indian's lot, has been approved by 36 tribes, seven voting against it.

The skeleton of an ancient whale was recently found by a college student at a point 75 miles inland on the Chowan River, North Carolina.

A pair of crutches, made of forked tree limbs and cushioned with fiber and buckskin, was found in a cliff dwelling in Utah, dating from about 1100 A.D.

## WITH THE SCIENCES THIS WEEK

### BOTANY

On what kind of tree do straw hats grow? p. 307.

### CHILD CARE

What can be done for the deaf baby? p. 316.

### COSMOLOGY

What is the shape of the Andromeda nebula? p. 308. *Star Clusters—Harlow Shapley—McGraw-Hill, 1930, \$3.*

### EVOLUTION

How many skull bones in a fish? p. 313.  
Why is the gibbon not likely to be man's ancestors? p. 310. *The Descent of Man—Charles Darwin—A. L. Burt, 1874, \$1.25.*

### GENERAL SCIENCE

Where can students of the future hear the voices of today's great? p. 313.

### MEDICINE

What are the advantages of the radio knife? p. 318.

What disease may cause a neuter race? p. 314.

What is cod liver oil good for? p. 307.  
Will the tired person catch cold easily? p. 308. *The Common Head Cold and its Complications—Walter A. Wells—Macmillan, 1929, \$2.75.*

### METEOROLOGY

When were dust storms usual? p. 307. *The Realm of the Air—Charles Fitzhugh Talman—Bobbs-Merrill, 1925, \$4.*

### METEOROLOGY—AVIATION

What metal is lighter than aluminum? p. 316.

### PALEONTOLOGY

What animal looked like an inverted T? p. 313. *Paleontology—Edward Wilber Berry—McGraw-Hill, 1929, \$3.50.*

### PHYSICS

What advantage has a laminated diamond? p. 315.  
What determines how good a microscope is? p. 309.

### PHYSIOLOGY—AVIATION

What symptoms of high altitude are not caused by oxygen lack? p. 309.

### PSYCHOLOGY

Are neurotic tendencies responsible for the tendency to join a mob? p. 317.  
Can rats read? p. 315.  
What is "projection jealousy"? p. 312.

### RADIO

How does rain interfere with radio? p. 312.

### SISMOLOGY

What has the moon to do with earthquake shocks? p. 313.

*These curiosity-arousing questions show at a glance the wide field of scientific activity from which this week's news comes. Book references in italic type are not sources of information for the article, but the references for further reading. Books cited can be supplied at Book Department, Science News Letter, at publishers' prices, postpaid in the United States.*