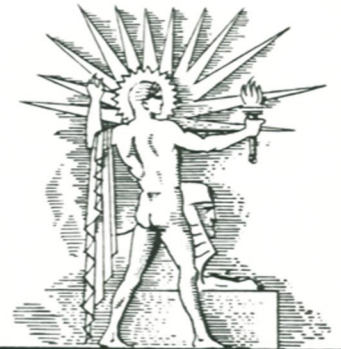
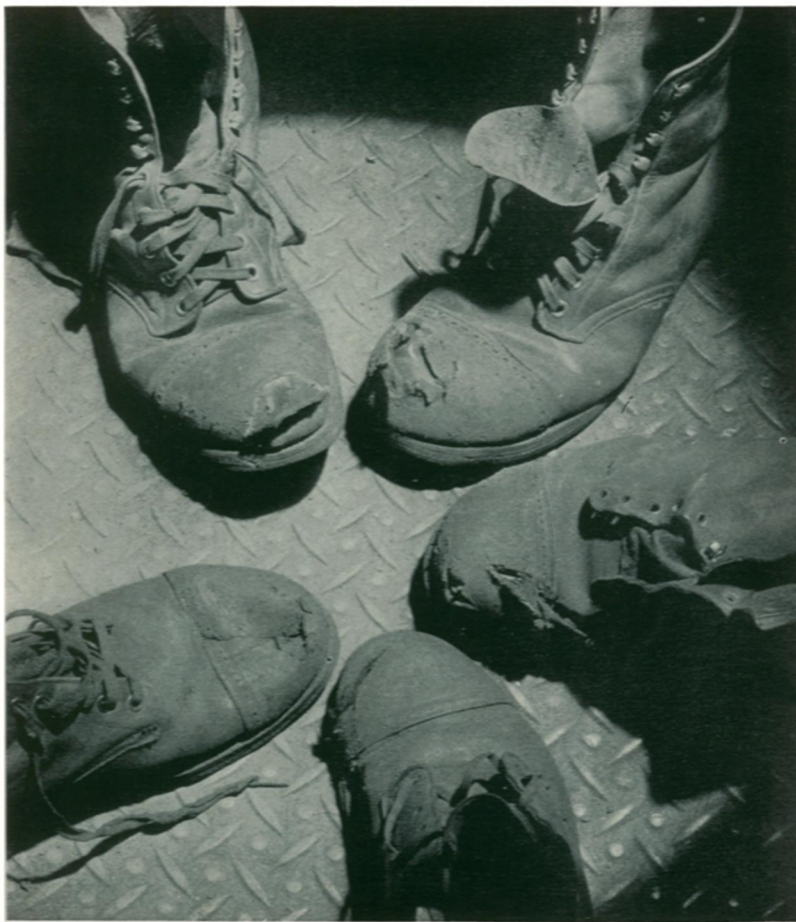


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



March 5, 1938

Scarred Victors

See Page 152

A S C I E N C E S E R V I C E P U B L I C A T I O N

## Do You Know?

A machine has been invented for planting trees.

Beavers are clean housekeepers but muskrats have dirty homes.

About half the cities in the United States have dental clinics for their school children.

Laundries often use blue wrapping paper because this color keeps linen from turning yellow.

A new laboratory for studying poultry diseases will be established by the Department of Agriculture for northern states.

The British Museum has the oldest known scrap of paper, a fragment from China with writing on it, made about the second century A.D.

Use of an airplane enabled a medical superintendent and Indian agent to prevent serious epidemics of measles in two communities in Alberta, Canada.

Streamlined motor trains have been selected—as more practical than elephants or camels—to carry sightseers over grounds of the Golden Gate International Exposition in 1939.

A chemist points out that the famous iron pillar of Delhi, India, has lasted 1,600 years with almost no rusting because it is in a dry climate, and not because of some mysterious lost art of handling metal.

## QUESTIONS DISCUSSED IN THIS ISSUE

Most articles which appear in SCIENCE NEWS LETTER are based on communications to Science Service, or on papers before meetings. Where published sources are used they are referred to in the article.

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### PSYCHOLOGY

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### SAFETY

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How do steel caps save toes? page 152.

Household hammers are being made lighter and yet stronger by alloying steel with nickel.

The Australian koala, or "native bear", is pictured on a new Australian postage stamp.

Birds that rear two broods of young during the season have two song periods.

King Solomon's throne of ivory overlaid with gold is known to have been made by artists from Tyre.

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# WHICH 1938 AUTOMOBILES ARE BEST BUYS?

## Consumers Union's Annual Report on Automobiles Rates Over 46 Models in Order of Merit

Are you planning to buy a 1938 car? With prices up 10% you'll want to know which car at the price level you're prepared to pay will operate most economically, which one has the soundest mechanical construction, which is safest to drive—in short, which car will give you the best value for your money.

Divided into eight price groups (ranging from below \$700 up to \$2300) more than 46 models of 1938 automobiles are rated by name as "Best Buys," "Also Acceptable," and "Not Acceptable" in Consumers Union's annual report on automobiles just published in the February issue of *Consumers Union Reports*. This report was prepared by unbiased automotive experts and is based on driving tests, and engineering examinations. The report evaluates the new overdrives, fourth speeds and other innovations in transmissions and shifting devices, discusses brakes, riding qualities, durability, steering and safety, and gives a table showing the "gas consumption factors" for the various cars. Among the cars discussed by name in this report are the Ford, Buick, Packard, Willys, Oldsmobile, Chevrolet, Hudson, DeSoto, Lincoln and Plymouth.

Read this report before buying a car. It will give you a sound basis for making an intelligent and economical choice. The report may be ordered by filling out and mailing the coupon below.

## HOW TO BUY AN INSURANCE POLICY

In the fourth installment of a series of reports on life insurance—also appearing in the February issue of *Consumers Union Reports*—CU's insurance consultants point out the soundest and cheapest form of insurance available, naming the companies which supply this type of insurance. Also continued in this issue are the series of reports on HOME BUILDING & BUILDING MATERIALS and VITAMINS. Your subscription to *Consumers Union Reports* may be begun so as to include all of the reports in these series. Simply write the name of the month with which you wish to begin in the coupon. Here are the issues in which these series appeared (together with a partial list of the other subjects covered in these issues)—NOV., Life Insurance, Portable Typewriters, Anti-Freezes, Men's Hats; DEC., Life Insurance, Radios, Playthings, Electric Shavers, Cigars, Lipsticks; JAN., Life Insurance, Home Building and Building Materials, Vitamins, Auto Batteries, Lisle Stockings.

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**On the Answers  
to These Questions  
Intelligent Buying Depends**  
*(You'll find them in the February Reports)*

### AUTOMOBILES

What innovations in some 1938 cars boost gas mileage about 20% at high speeds?

How can you avoid "overbuying" when you go to purchase a 1938 car? Of the four cars in the Economy Group (Plymouth, Ford, Willys, Chevrolet) which one was found to be the best buy by competent engineers?

What factors will conserve the durability of your car, minimize adjustments, and increase operating economy?

### VITAMINS

Up to what age should children be given cod liver oil?

How many units of Vitamin D is the proper dosage for infants? Is cod liver oil toxic?

What are the advantages and disadvantages of artificial sunlight?

### LIFE INSURANCE

For permanent, constant protection what is the cheapest and soundest insurance available? What companies sell this type of insurance?

Why do certain insurance companies refuse to sell certain types of insurance to women, Negroes, and manual workers?

### HOME BUILDING

What factors should you consider in selecting a site for your home?

What factors should you consider in planning the arrangement and size of your rooms?

Should the outer style of your home be decided upon first or should it develop from the inside plan?

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