Loss From Erosion

Authorities estimate that from 20 to 30 times as much plant nutrients are lost by erosion as are taken from the soil by plants. In the past two generations, this country has lost approximately half of its topsoil, which took nature thousands of years to form.

Pressure Canning

A pressure canner may be used for processing fruits. If it is deep enough it may be used as a water bath canner. A pressure canner may be used to process fruits at 0 to 1 pound pressure without having the containers of food completely covered with water. Put water in the canner to the shoulders of the jars; fasten cover. When the live steam pours steadily from the open vent, start counting time. Leave vent open and process for the same time given for the boiling-water bath.

Service When Possible

An advertisement in a Philadelphia newspaper of 110 years ago stated: "The locomotive engine built by M. W. Baldwin of this city will depart daily when the weather is fair, with a train of passenger cars. On rainy days horses will be attached."

Searching for New Plants

Plant explorers of the U. S. department of agriculture are searching the world for new plants and breeding stock to improve crops already in use in this country. Most of U. S. crops originate from plants brought from abroad. Importation of crops has been taking place since colonial times, but plant scientists say that not half of the world's plants which might grow in the U. S. have been tried here.

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ADDITIONAL SOCIAL SECURITY NUMBERS SPELL FUTURE GRIEF

Two heads are better than one, says the proverb, but the Social Security Administration points out that two social security numbers, like too many cooks, may spoil the broth.

"When you multiply your social security account numbers, you stand a good chance of dividing your future benefits," Bernard Barnett, manager of the Waukegan, Illinois social security office, said today.

Only wages posted to the account off the worker involved are considered when a claim is filed. Unless the applicant can furnish a record of all account numbers he has used, some wages on which he has paid social security taxes won't be counted.

Mr. Barnett said that every effort is made to combine all the worker's accounts. Even so, in many cases, the amount of the benefit is smaller because wages have been posted to accounts which the applicant has used and on which he doesn't have a record of the number. In rare instances, so much of the worker's wages are credited to these "unknown" account numbers that the total work credits shown on the "known" account numbers are not enough to make any payment possible.

"Future social security benefits can best be protected," Mr. Barnett said, "by asking for a duplicate to replace the card which has been lost or worn out. Remember that one card may not last a lifetime, but one account number will."

Business Men's College

University of Illinois is establishing an extension service for business, which will be comparable to the agricultural extension service offered by the state agricultural colleges to farmers. The new service, which is the first of its kind in the country, will include private consultations, short courses and regional conferences. Initially, a management consulting service covering business administration, production, office operation, personnel, purchasing, sales, records and finances will be offered, with members of the university staff acting as consultants. The program will be under auspices of the college of commerce.

Energy Used by Eyes

Scientists estimate that the eyes consume about one-quarter of the total nervous energy of the body.

Have Guardian Snakes

When a man of the African Masai tribe marries, he is careful to introduce his bride to his guardian snake. Pythons and cobras are particularly reverenced. The Masai shave the heads of women, as well as those of married and uninitiated men, and remove the two lower incisor teeth.

RECEIVES DEGREE

MISS KATHERINE REULAND

The many McHenry friends of Miss Katherine Reuland of Chicago will be interested to learn that on June 9, she received her master's degree in history at Loyola University. A graduate of DePaul University, she had taken work at Northwestern during the summer months for several years. Miss Reuland taught English and history in the local high school for three years, coming here in 1944 and leaving to continue her education in June of 1947.

Monkeys Make Good Showing In High Altitude Research

Yale university physiologists have demonstrated for the first time that it is possible to expose a monkey to an altitude of over 14 miles in a pressure chamber and bring him out alive.

This report was made at a meeting of the aviation physiology section of the American Physiological society by Dr. Samuel Gelfen.

The research, although performed on animals, has significance for high altitude fliers and airplane passengers.

Out of all the monkeys which were suddenly exposed to altitudes ranging from 70,000 to 75,000 feet in decompression chamber tests, only one died. In this instance there were other contributory causes.

The monkeys taken to this extremely high altitude—which in nature has a temperature of about 65-70 degrees below zero Farenheit—were returned to sea level immediately at a "free fall" rate of almost 200 miles per hour. This is comparable to a man falling out of a plane at a high altitude and plunging earthwards without opening a parachute. It took almost five minutes to bring the monkeys back to sea level pressures.

Previous experiments had been made on rats, but the monkey, which is an animal closest to man, had never been decompressed to 75,000 feet. Amazingly enough, the monkeys withstood the shock more readily than the rats which experienced a 50 per cent mortality in experiments.

Valley of Two Rivers a Desert

Iraq, supposed site of the Garden of Eden, now looks for all the world like a desert. The land is frightfully hot, perhaps the hottest spot on earth. Rainfal is almost non-existent, a few inches during the year. By camel or motor car one can travel for days across the monotonous Chol (as the desert is called) without seeing more than stunted grass, shrubs and luxuriant thistles. Occasionally winter brings terrific blizzards and snowstorms. Two great old rivers, the Tigris and the Euphrates, flow through the land, but no longer do much good. The ancients provided the Valley of the Two Rivers with an elaborate system of canals and trenches but under centuries of modern Turkish misrule the irrigation system crumbled sadly and much of the valley became a dreary desert. Today's residents, who are mainly Arab Moslems, prefer the name Iraq to the country's former name, Mesopotamia, which means "between the rivers."

First Nurse in History

According to historians, the earliest personification of nursing was Epione, a figure in Greek mythology. Wife of Aesculapius, god of medicine, her name is translated as "the soothing one."

Monogrammed Protection

During the Middle Ages in Europe, merchants "monogrammed" their goods with devices that nearly always contained a cross, either as a protection against storms or other catastrophies or to distinguish their goods from those of Mohammedan traders.

Work With Cows

In Russia a cow requires 460 hours care a year. In the United States, the farmer puts in only 140 hours of care and gets twice as much milk per cow.

First Bicycle Record

H. L. Cortis in 1883, riding continuously for 24 hours, covered 200 miles and 300 yards to establish the first bicycle record. The record was less than nine miles an hour. Cortis rode the high-wheel type of bicycle.

Subscribe for The Plaindealer

Quakers Anti Slavery

The Pennsylvania Quakers formally opposed slavery 200 years before the Civil war, and Philadelphia Friends outlawed it 100 years before Lincoln.

Flat Tire Warning

Oregon man has invented a device that warns the motorist when one of his tires is dangerously deflated. Electric warning buttons, operated by an arrangement of levers, is sounded when one tire lacks pressure.

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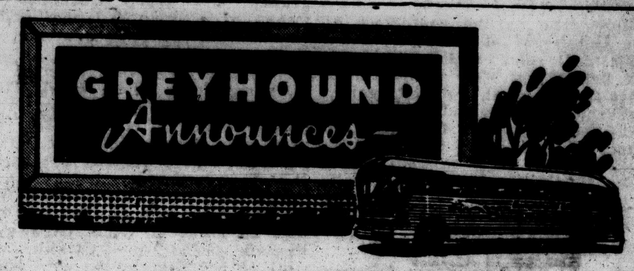

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Greyhound continues its other well-timed schedules to Chicago as well as to Lake Geneva and Madison and points beyond. For detailed schedule information, see your local Greyhound agent. And ask about Greyhound's low fares which save you more now than ever before.

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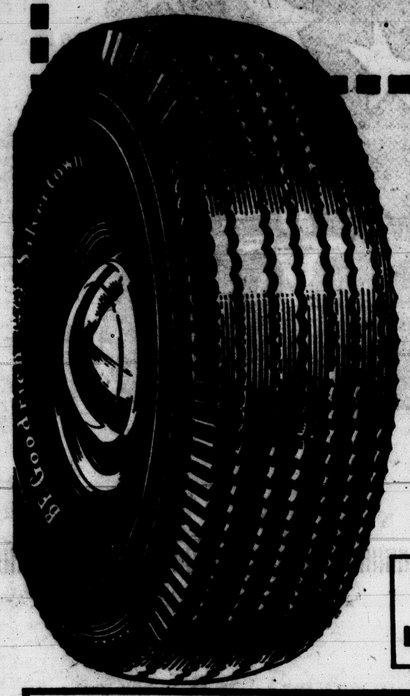

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