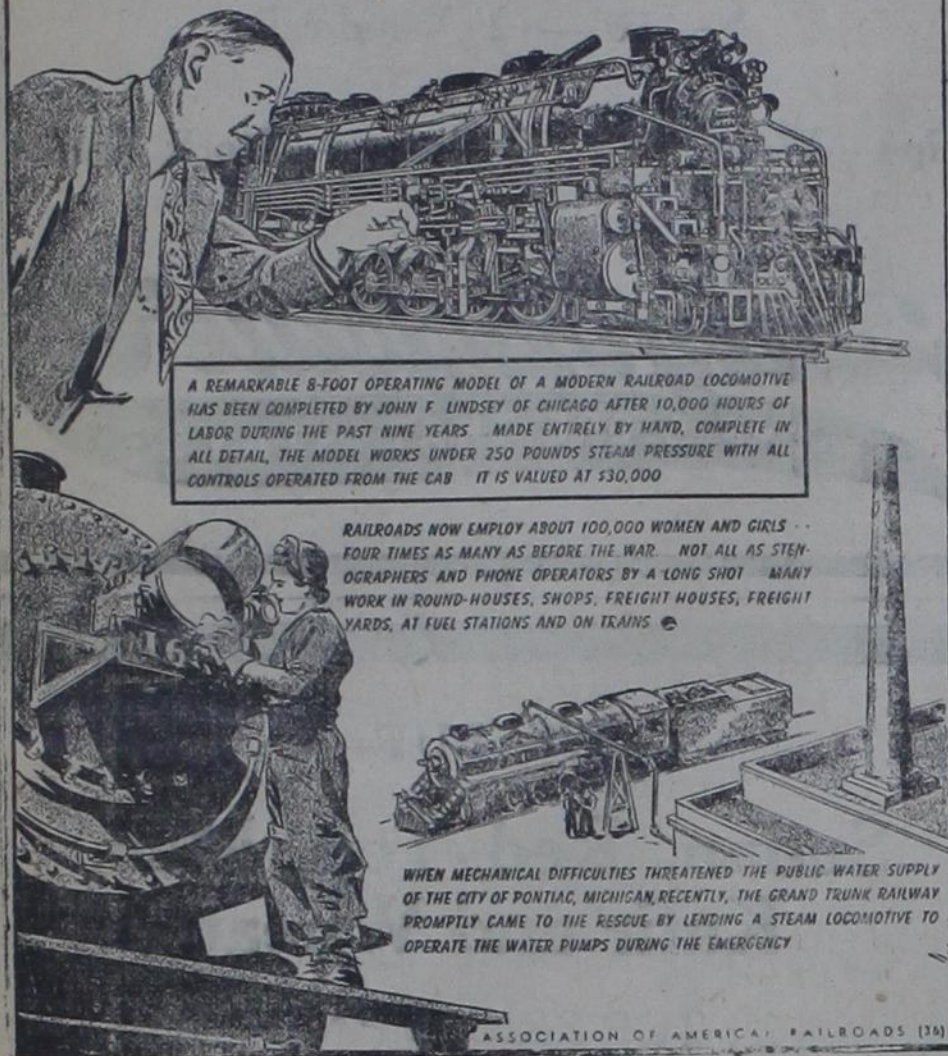


Rail oddities



A REMARKABLE 8-FOOT OPERATING MODEL OF A MODERN RAILROAD LOCOMOTIVE HAS BEEN COMPLETED BY JOHN F. LINDSEY OF CHICAGO AFTER 10,000 HOURS OF LABOR DURING THE PAST NINE YEARS. MADE ENTIRELY BY HAND, COMPLETE IN ALL DETAIL, THE MODEL WORKS UNDER 250 POUNDS STEAM PRESSURE WITH ALL CONTROLS OPERATED FROM THE CAB. IT IS VALUED AT \$30,000.

RAILROADS NOW EMPLOY ABOUT 100,000 WOMEN AND GIRLS—FOUR TIMES AS MANY AS BEFORE THE WAR. NOT ALL AS STEYNOGRAPHERS AND PHONE OPERATORS BY A LONG SHOT. MANY WORK IN ROUND-HOUSES, SHOPS, FREIGHT HOUSES, FREIGHT YARDS, AT FUEL STATIONS AND ON TRAINS.

WHEN MECHANICAL DIFFICULTIES THREATENED THE PUBLIC WATER SUPPLY OF THE CITY OF PONTIAC, MICHIGAN, RECENTLY, THE GRAND TRUNK RAILWAY PROMPTLY CAME TO THE RESCUE BY LENDING A STEAM LOCOMOTIVE TO OPERATE THE WATER PUMPS DURING THE EMERGENCY.

ASSOCIATION OF AMERICAN RAILROADS (11)

TWO B VITAMINS ARE DISCOVERED BY CHEMISTS

AUSTIN—Two more of the life-essential B vitamins have been discovered by the Biochemical Institute of the University of Texas during the past three years of research, Dr. R. J. Williams, director, has reported.

Folic acid and pseudopyridoxin are the two vitamins discovered in Institute laboratories—folic acid has been publicized as the "Popeye" vitamin because of its presence in

spinach. It is believed to be very important in combating certain types of anemia.

The Biochemical Institute has been partially financed for three years by the Clayton Foundation for Research. Plans for the future, Dr. Williams reveal include further extensive study of vitamins and their relationships to cancer.

In England, the sturgeon is called the royal fish since the king can claim any sturgeon caught.

LAWN WALKS AN ASSET

COLLEGE STATION — Walks placed conveniently around the home are a utility and a protection for the family, as well as an asset to the appearance of the place. But they are for use, not ornament, Sadie Hatfield of the A&M Extension Service points out. They safeguard members of the family against wet feet and, perhaps, colds in the damp winter months, and relieve one of the housewife's main annoyances—muddy tracks on the floor.

Cool fall days are ideal for building walks from the free choice of materials generally available around the farm. Miss Hatfield suggests native flat stones as perhaps ideal for constructing the main front walk. The stones may be set together with concrete or allowed to develop grass veinings. At the back and side of the house where use is the main requirement they may be made of concrete, native stone, brick or other available material. Sand and gravel are satisfactory, but it sometimes is difficult to prevent grass covering them.

For the average size cottage the main front walk should be three and one half to four feet wide, but those in the service area may be narrow as convenience demands. Usually 12 to 18 inches is wide enough. But they should have a smooth surface for safety when used after dark or for heavy loads.

All walks should be a few inches higher than surrounding ground to provide good drainage. If built on an elevated strip of soil which slopes gradually to both sides, the lawn mower may be run easily over the walk when cutting the grass. Time and work will be saved by mowing rather than by cutting by hand the grass away from the sides of the walk.

Londoners pay \$4 for a peach, but some have cost our playboys more than that.

CHECKING OVER THE POULTRY

COLLEGE STATION — If the poultry flock was neglected during the busy harvest season the fall should not be allowed to pass without a complete check upon the health and sanitation of the birds.

According to Dr. W. A. Boney, poultry veterinarian for the A. & M. College Extension Service, a thorough cleaning and spraying of the houses would be the initial step, followed by examination of hens for vermin, culling inferior specimens and adopting some health precautions for young birds. Warming should be done before the houses are cleaned.

After cleaning, the houses should be sprayed with a substance containing anthracene oil, such as carbolineum one part, and kerosene four to five parts. This will control blue bugs, fleas, lice and mites, and even help repel flies and mosquitoes. Two or three inches of dirt floors should be removed and replaced with clean earth. Litter, such as corn shucks or ground bundle-fee, makes excellent floor covering.

If examination reveals lice, dust the birds with sodium fluoride and place some where they dust themselves. In case of considerable infestation use a dip in the proportions of one ounce of sodium fluoride to each gallon of warm water. Sulphur, dusted in the nests and on the floors, also will help. A mixture of sulphur, ten parts, and rotenone or derris, one part, dusted on the birds will help repel lice, blue bugs, fleas, mosquitoes, red bugs and mites.

Under most conditions, Dr. Boney says, young birds approaching production should be vaccinated for fowl pox. He believes better results will be had by using the feather follicle method, which is done by plucking two or three feathers on the thigh and swabbing the spot with vaccine. Meanwhile, cull birds light in weight and those having gray eyes. They probably are affected with range paralysis or leucosis.

Green feed, which furnishes vitamin A and other essential foods, should be plentifully supplied, along with some good granite grit and oyster shell. The latter helps make egg shells thicker.

Eighteen thousand applied for 300 vacancies in the Indian Air Force recently.

THE POCKETBOOK of KNOWLEDGE by TOPPS



A NEW ALL-METAL .45-CALIBRE M3 SUBMACHINE GUN WEIGHS LESS THAN NINE POUNDS AND IS SO SMALL THAT IT CAN BE TUCKED AWAY IN A BRIEF CASE.

THE DELICIOUS FLAVOR OF MAPLE SYRUP IS DEVELOPED ONLY AFTER THE SAP IS BOILED.

A PHOTOELECTRIC INSTRUMENT INDICATES WHEN ADDITIONAL OXYGEN IS NECESSARY AT HIGH ALTITUDE—FROM THE COLOR OF THE BLOOD IN AN AVIATOR'S EAR!

CANNED BLANKETS! HOLDING THREE BLANKETS, THESE STURDY WATER-TIGHT CONTAINERS ALSO ARE USED BY SEAMEN TO PINCH-HIT AS EMERGENCY WATER VESSELS.

THIS 'SUPER' PLOW, DEVELOPED FOR REWORKING CALIFORNIA FARMLAND, CUTS A FURROW 6 FEET DEEP, HIGHER THAN A MAN, AND WEIGHING 15,000 POUNDS, IT REQUIRES THE PULLING POWER OF THREE TRACTORS.

STATISTICAL COUNCIL TO MEET OCT. 30, AUSTIN

AUSTIN—Rural population changes and trends of agricultural income will be considered by Texas businessmen during the annual meeting of the Texas Statistical Council at the University of Texas

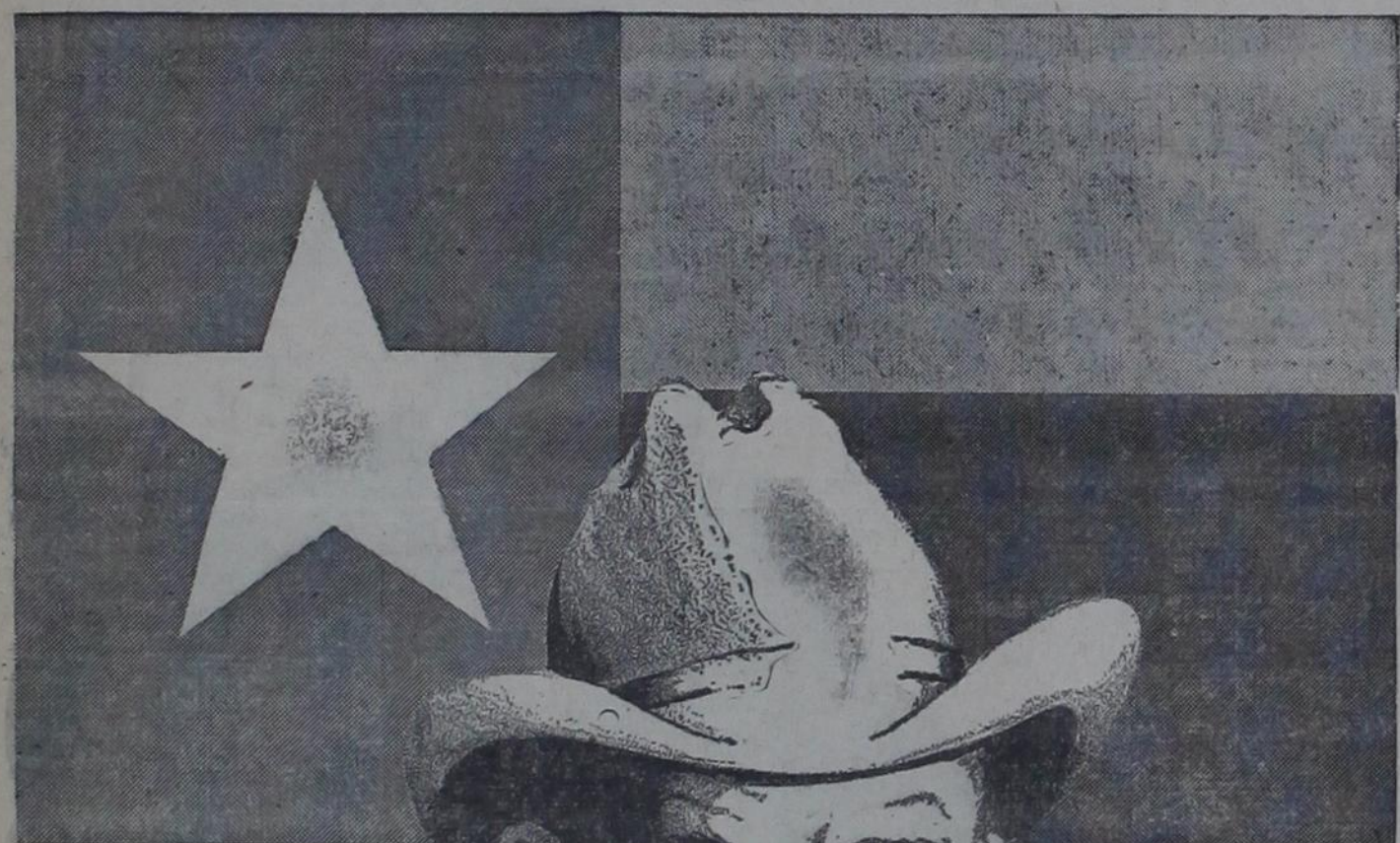
Oct. 30, Dr. F. A. Buechel, secretary, has announced.

Present trends of agricultural income and post-war prospects will be discussed by B. F. Vance, AAA, College Station, and by A. W. Grant, managing editor of the San Antonio Express.

Other topics to be considered at the meeting will be war's effect on small industries, the future of the state highway system, post-war trends in the building industry, and prospects of the chemical industry in Texas.

The mileage of civil airways in the U. S. has increased more than 700 per cent since 1927.

Remember Bataan
Invest
A Dime Out of
Every Dollar in
U.S. War Bonds



Sure, I'll take a Texan's Share

Your County War Fund is another "Victory weapon."

The United War Chest of Texas through war fund organizations in every county of the state is charged with the responsibility of raising \$4,885,781.00 for the 17 approved war appeals of the National War Fund. The national goal is \$125,000,000.

Each of the 17 participating agencies was carefully budgeted to stretch every dollar contributed before it received the approval of the President's War Relief Control Board.

Texans now are being asked to take a Texan's share in their County War Funds to aid three fronts with one gift—the Military Front, the United Nations Front, and the Home Front. Remember, President Roosevelt has said that a share in the National War Fund is a share in winning the war. Use this "Victory weapon." Give to your County War Fund.

THE 17 PARTICIPATING AGENCIES ARE:

- * USO
- * United Seaman's Service
- * War Prisoners Aid
- * Belgian War Relief Society
- * British War Relief Society
- * Dutch Relief Fund
- * (Queen Wilhelmina Fund)
- * French Relief Fund
- * Friends of Luxembourg
- * Greek War Relief Association
- * Norwegian Relief
- * Polish War Relief
- * Russian War Relief
- * United China Relief
- * United Czechoslovak Relief Fund
- * United Yugoslav Relief Fund
- * Refugee Relief Trustees
- * The United States Committee for the Care of European Children



A Few ??'s to Ask the Printing Peddler

When the Peddler selling stationery and printing supplies solicits your business, there are a few questions which he should be willing to answer to your satisfaction.

Among them being:

- Does he pay taxes in this community?
- Does he donate space in his newspaper to the local community enterprises?
- Does he pay wages to a force of employees located in this City, County or State?
- Does his paper devote its entire space toward the betterment and upbuilding of this community?
- Does he grant you every favor that you would ordinarily ask of a local newspaper?
- Does the quality of his merchandise stand inspection—is it on quality paper stock and the printed matter attractively arranged?
- Will he submit proof of your work before finishing and mailing it to you C. O. D.?
- Does his price include postage and insurance charges?
- Can he supply your order on short notice?

If he can answer all the questions in the affirmative, he is entitled to your business.

IF NOT . . . CONSULT

State Line Tribune

Phone 2131

Commercial Printing

We Can Answer YES To Every Question

GIVE TO YOUR COUNTY WAR FUND

