

## FAKE JUNGLE AID TO SCIENTISTS IN WINNING JAP WAR

Pittsburgh (U.P.)—The war against the Japanese was fought on tropical islands in Pittsburgh as well as the Pacific.

Hundreds of tiny tropical islands—moss, rotting vegetation, bacteria, steaming jungle heat and all—were created under glass by Dr. Peter Gray, biologist at the University of Pittsburgh.

With Dr. Gray's tiny replicas of the unusual conditions of Pacific islands at their fingertips, Westinghouse Electric Corp. scientists were able to develop electrical equipment that would function in a tropical climate.

**Simulated Climates**  
Radar, radio equipment, switchboards, transformers and other apparatus that went to the Pacific war theater were made to stand up under assaults by fungi and bacteria, extremes of temperature and humidity, all simulated in the artificial islands.

In explaining how the islands were developed, Dr. Gray said that room temperature was maintained at 90 degrees Fahrenheit. The bottom of each jar was covered with moss and kept saturated with water to attain a humidity fluctuating between 60 and 80 per cent.

Then, small chunks of bread were placed atop the moss and an airtight lid was affixed to the jar. The mold that soon formed on the bread was infected with other types of organic growth and the "gardens" were allowed to germinate.

**Tested Materials Daily**  
After fungi, bacteria, mites and other organisms common to

## BONDS for the VICTORS



Official Navy Photo  
Relocation. Southern Okinawa natives being transferred in truck to LST for trip to northern section of island to make new homes. Victory Bonds help speed such relocation.  
U. S. Treasury Department

that hot, humid atmosphere reached a robust stage, Dr. Gray placed samples of equipment in the jars. Daily examinations followed, and detailed records of the damage occurring to each sample of material were kept.

Since the hostile climates are represented at their exaggerated worst in the "junior hot-houses," a month on one of Dr. Gray's artificial islands is estimated to equal six months to a year in the Panama Canal Zone.

Results of the tests have been invaluable to the armed forces in determining which materials and protective coverings would stand off the ravages of the tropics. Scientists found that varnishes of the phenolformaldehyde group possessed great resistance to attack by fungi and bacteria.

### SUICIDE TRY FAILS

San Francisco, Dec. 24—(U.P.)—Mrs. Helen Thompson, 37, mother of a five-month-old baby, was recovering today from minor injuries suffered when she drove her car through a guard rail near the summit of twin peaks. In an attempt, police said, to end her life, Mrs. Thompson was thrown clear of the car as it careened down the steep, muddy hill overlooking San Francisco and burst into flames.

### GOATS IN HOLLYWOOD

Hollywood, Dec. 24—(U.P.)—B. C. Andrews, 69, and the goats which pulled him and his little wagon 7,500 miles, were awaiting hopefully for a movie contract today. After a 15-mile-a-day tur from South Dakota's Black Hills, winding through 10 western states and British Columbia, the "boatmobile" pulled into Hollywood yesterday.

### SONG WRITER DIES

Hollywood, Dec. 24—(U.P.)—Byron Gay, 59, the song writer, died yesterday. Gay wrote nearly 500 songs, including "Avalon," "The Little Old Ford Just Rambled Right Along," and "Song Of The West." The song writer accompanied Admiral Byrd on an Antarctic expedition. He was a classmate of Byrd's at Annapolis.

Use Mail Tribune Want Ads.

## FIRST PARIS COAL SINCE LIBERATION NETS DISSENSION

Paris (U.P.)—The first coal Parisians have seen since liberation is causing bitter dissension instead of the expected thanksgiving.

Coal already is finding its way into the black market. Fashionable apartment houses are being heated while in poorer quarters the inhabitants' teeth are chattering.

Last winter coal caused no bitterness because there just wasn't any even on the black market. Rich people who could afford big meals in black-market restaurants had to shiver with the poor. Now coal has reached the black market at 10,000 francs a ton, which is \$200 at the current exchange rate.

This year there is an official allotment of 200 kilos of coal per family of two persons, with supplements for houses with babies or old people. As 200 kilos is only about one-fifth of a ton, Parisians are hoarding their ration in anticipation of six bitter weeks in January. But in fashionable apartment houses managers are collecting contributions from the wealthy residents and a fortunate few are warm.

Winter has hit the capital, and the people are worn down after five years of undernourishment and under-heating. French friends of Americans who live in hotels heated by the United States army are now dropping by frequently "just to warm ourselves in your room."

The coal shortage is made more dangerous by the increasing difficulty in finding clothes.

The return of 2,000,000 prisoners and deportees drained the last clothing stocks. Now many mothers try in vain to get even a coupon which a coat requires. They are told there are no more. An overcoat on the black market—if one could be found—would cost about \$600.

### PLAN MEMORIAL CENTER

Cushing, Okla.—(U.P.)—The citizens of Cushing, Okla., have approved plans for a \$420,000 postwar project which would include a spacious memorial recreation center.

The initial phase of the plan would cover two years, calling for the recreation center, football stadium, new city hall structure and fire station. Expenditure for the four projects would call for a bond issue of \$420,000.

Use Mail Tribune Want Ads.

## Racketeers Set To Drain Savings Of American Public

New York—(U.P.)—A host of racketeers are getting set to pinch off a substantial share of the \$130,000,000,000 in war savings accumulated by the American public, Allen E. Backman warns in the November issue of Today's Woman.

The racketeers, who normally take \$2,500,000,000 yearly in sucker money, will resort to every trick in their bag to fleece the gullible public, the director of the National Better Business Bureau cautions. They will pay particular attention to the returned serviceman with his mustering-out pay and access to GI loans, and will offer him and his family innumerable "opportunities" to turn a fast dollar.

Monday, Dec. 24, 1945 MEDFORD MAIL TRIBUNE—THREE

One of the racketeers' favorite devices is the "boiler room" telephone, used to ferret out information on savings and to sell worthless stock and schemes to the unsuspecting public. A crooked operator or one of his employees, selects names at random from the telephone book for this type of scheme, and phones his prospective victim information about "opportunity" to make money.

Backman's advice is investigate before you invest, and to

**CHICKEN and STEAK DINNERS**  
**KING S CAFE**  
Owned by OTTO and WAVE KING  
Highway 99 at Talent  
Come Out and See the Bears

Monday, Dec. 24, 1945 MEDFORD MAIL TRIBUNE—THREE

read and keep a copy of any paper you sign.

**DELAY GRANTED**  
San Francisco, Dec. 24—(U.P.) Defense attorneys for Thomas Henry McMonigle, charged with

the kidnap-murder of Bobby Soxer Thora Chamberlain, today requested and received a postponement of arraignment proceedings until Dec. 28.  
Closing time for Classified Ads 8:30 a.m.—Too Late to Classify 12:15 p.m.

## BIG SALE of GROCERIES

Starting Dec. 26th  
At Shady Nook Grocery  
827 NO. CENTRAL  
**10% Discount**  
ON ALL  
Cash Purchases of \$1 or Over



*Wishing You a Merry*

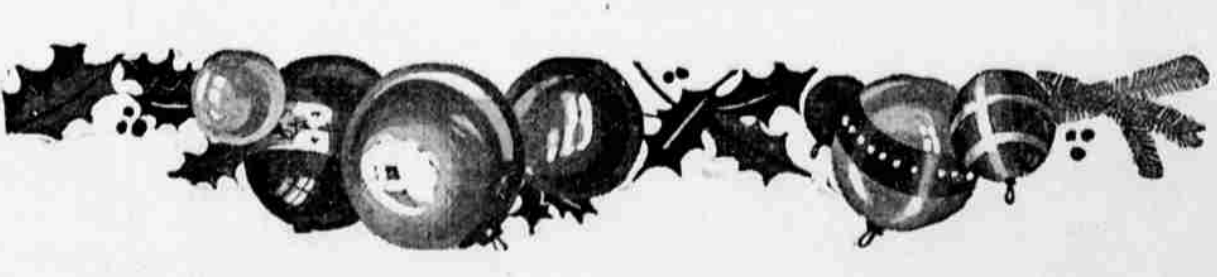
*Old Fashioned*

*American Christmas*



At this season of "Peace on Earth, Good Will Toward Men" Copco extends to one and all a warm and hearty 'Merry Christmas.' Let it be a real old-fashioned Christmas that we celebrate this year—the first in five years—for the war is over and the Yuletide this time finds the world at peace and victory achieved. It is, indeed, a time to give heart-felt thanks to Him who has sent to us the most precious gift of all—Peace! All of us who make up the Copco family extend the sincere wish that this Christmas will be the happiest, most joyful you have had in many years.

## The CALIFORNIA OREGON POWER COMPANY



## MERRY Christmas



It's a real old-fashioned Christmas we're celebrating again this year. And what a warm, happy glow it puts into our hearts to know the war is over, peace reigns supreme once again. This Christmas as we go to church to worship in freedom the birth of the Christ child, let us offer a prayer of thanks to Him for the Peace and Happiness in our hearts. It is with much gladness that we wish you the joys of the holiday season and a New Year in which all your hopes and desires will come true. Thank you for your patronage and cooperation during the war; we sincerely hope to continue serving you in the years ahead.

**ACME HARDWARE**



and more much more

Comes now the time of year when it is the custom to say "Merry Christmas"... all of us... one to another. A fine custom! A glorious custom!

To you we say, as in other years: "A Merry Christmas." Yet, on this, the finest Christmas since the first, we want that greeting to mean something more than it says—something more than it ever meant before.

We want it to have some quality of that deep joy felt by those mothers who, this Christmas, know that their sons have been spared.

We want it to comprehend that silent thanksgiving which fathers feel this Christmas in the sure knowledge that their boys, though perhaps still overseas, have come through.

For somehow, this Christmas seems to belong to them and their families—a Christmas once more aglow with the present or anticipated warmth of reunion.

This first Christmas in so long when the carol rings true in the heart as friendly voices sing "All is calm, all is bright."

This first Christmas in so long that seems the true feast day of the Prince of Peace.

This first Christmas that we know our dead did not die in vain.

Too, it is once more a Christmas when mankind may dare think upon that wider reunion of hearts which is the promise of Bethlehem's bright star—of a new kinship between them who slept in their fox-holes and Him who slept in a manger.

It is a wonderful Christmas... a Christmas drenched in splendor... a Christmas when Tiny Tim could say "God has blessed us, every one!" May you know the full joy of it.

