

## TWO SCIENTISTS REFUTE PEACE TREND THEORY

Boston Convention Hears Paper Dealing With 902 Wars.

By United Press  
CAMBRIDGE, Mass., Dec. 28.—Theories that war tends to disappear with the progress of civilization were refuted today in a paper read before the ninety-third meeting of the American Association for the Advancement of Science.

The paper, prepared by Professor Pitirim A. Sorokin and Lieutenant-General N. N. Golovin of the Harvard department of sociology, traced war movements in the histories of Greece, Rome and eight European countries from 500 B. C. to 1925 A. D.

A study of 902 wars (not battles) was made, and each was considered from five points:

The duration of the war, the size of the fighting forces, the number of casualties, the number of countries involved, and the proportion of combatants to the total population of the belligerents. From these five "variables" a total index number was computed for each war.

### Height in 20th Century

The momentous study disclosed that up to the seventeenth century war was "comparatively insignificant," but increased from then on enormously and did not diminish during the eighteenth century.

In the nineteenth century it decreased considerably, though it still was more than 100 times as great as in medieval centuries, but in the first quarter of the twentieth century, chiefly because of the world war, it flared to an unprecedented height, exceeding the sum total of all wars during preceding centuries in the eight European countries studied.

"This refutes the theories that war tends to disappear with the progress of civilization," Professor Sorokin and General Golovin concluded. "It means also that all the commendable hopes that war will disappear in the near future are based on nothing more than wishes and a belief in miracles. Most of these hopes sprang up in the nineteenth century, as the figures show, was more peaceful than the seventeenth or the eighteenth century, though much less peaceful than the period from the twelfth century to the sixteenth."

### Coffee Checks Alcohol

A timely disclosure was offered by two Cornell professors, A. L. Winsor and E. I. Strongin, who presented the results of experiments which showed that if one would drink and remain able to walk a chalk line, a considerable amount of coffee should be consumed with the highballs. Subjects were given small amounts of alcohol and water followed immediately by generous doses of coffee.

It appeared that the "unsteadiness and disturbance of motor co-ordination," caused by consumption of alcohol alone was decreased considerably by the coffee.

The effect was achieved noticeably only when the alcohol and coffee were consumed within a few minutes of each other. If the coffee was delayed to any great extent its sobering effectiveness decreased, an apparent refutation of the widely prevalent theory that quantities of black coffee, taken after extended drinking, send a man home sober.

### Ear Never Weary

The normal, healthy ear is the body's most alert sentinel, and never grows weary, according to the report of E. M. Josephson, New York physician, who advanced a new theory of the mechanism of hearing in which the inner ear is believed to convert the mechanical energy of sound into electrical energy, in a manner similar to the action of the telephone receiver.

"The electric current thus generated," he said, "stimulates the nerve ends of the organ corti in the inner ear, each of which is connected to serve as a filter selecting out individual audio-frequencies of the tone and transmit it to the brain. This theory accounts for the finding in the ear of feeble-electrical audio-frequency currents."

### MAYAN EXPLORATIONS WILL PROCEED SOON

Mecca of Yucatan Indians Once Scene of Human Sacrifice.

By United Press  
MEXICO CITY, Dec. 28.—Long buried secrets of the cruel, colorful Mayan civilization of centuries ago will be uncovered soon as the result of a contract signed today between the Department of Education and the Carnegie Institute.

The contract provides for resumption of exploration, abandoned in 1930, of the ancient mecca of the Mayans—Chichen-Itza, in South Central Yucatan, where vast throngs once gathered to see young maidens sacrificed alive to the gods of the wells.

### TEXAS BANK ROBBERS TAKE 3 AS HOSTAGES

Bandits Get \$40,000, Employees Released Unharmed.

By United Press  
MARLIN, Texas, Dec. 28.—Texas officers were at a stalemate today in their search for bandits who robbed the First State bank here of \$40,000 yesterday, and fled with three employees as hostages.

The employees were released last night unharmed after being bound to trees in a wood near Rogers, Texas, for more than eight hours. They were M. V. Bradshaw, vice-president; Miss Andrew Peyton, bookkeeper, and Lee Humphrey, negro porter.

### BULLET RICOCHETS, KILLING PERU BOY, 6

Fatal Accident Occurs as Son Watches Father Butcher Hog.

By United Press  
PERU, Ind., Dec. 28.—Six-year-old Dale Fritz was dead today, victim of a bullet which ricocheted from frozen grounds after being fired at a hog.

The boy was watching his father aid in butchering at a farm near Mexico, Ind., when the accident occurred. The child was struck in the abdomen and died later at a hospital.

### FLIERS NEARING MARK



Frances Harrell, above; Helen Richey, below.

By United Press  
MIAMI, Fla., Dec. 28.—Frances Harrell and Helen Richey, women stunt fliers, were only a few hours away from a new world's endurance record for women today as they neared their eighth day aloft.

The fliers will have set a new official world's record after 7:09 p. m. They will have passed the old record of eight days four hours and six minutes at 5:09 p. m. today, but they must fly two hours longer for the record to be officially recognized.

Their first mishap since they took to the air at 1:03 a week ago yesterday, occurred late yesterday. As the refueling plane circled over their plane, "Outdoor Girl," to get in position for refueling, its dangling hose mouth ripped into the fuselage of their plane and left a six-inch hole.

Miss Richey, calmly leaned back on the fuselage and successfully patched the hole with patching and "dope" rushed up from the airport. She thought nothing of her daring adventure but aviators at the airport said she showed "plenty of calm nerve."

### BULGARIAN KING IS ILL

Boris Postpones Indefinitely Proposed Visit to Rumanian Ruler.

By United Press  
VIENNA, Dec. 28.—King Boris of Bulgaria is ill with gripe and has postponed indefinitely his visit to King Carol of Rumania, set for Jan. 15, it was reported today from Bucharest.

## TWO HONORED BY NATIONAL FRATERNITY

Delta Tau Delta Members Attend Banquet at Columbia Club.

Cited for their services to Delta Tau Delta, national Greek letter fraternity, Clarence E. Edmondson, dean of men at Indiana university, and Stuart Maclean, head of the English department at Storm King school, Cornwall-on-Hudson, were honored last night at a banquet in the Columbia Club.

More than one hundred men from all parts of the state were present to hear the citations delivered by Harold B. Tharp, Indianapolis, national president.

Both Dean Edmondson and Mr. Maclean spoke briefly, expressing their appreciation. In 1932-33, for the first time, the scholastic average of members of Delta Tau Delta has been higher than the general all-men average at colleges and universities all over the country, Mr. Maclean said.

He recommended that Greek letter societies demand that their members attain an average at least equal to the general student average at educational institutions.

Dr. Frank Hutchins, Indianapolis, who served as toastmaster, asserted that too little attention is paid in the majority of educational institutions to instruction in the development and proper use of the mind.

### GARNERS DISAPPOINT GREETERS AT DALLAS

Shivering Reception Committee Left Standing on Platform.

By United Press  
DALLAS, Tex., Dec. 28.—A small reception committee that waited in near-freezing weather here today to greet Vice-President John Garner and Mrs. Garner waited in vain.

The Garners sent word to their would-be hosts that they were resting and did not wish to be interrupted.

The train proceeded toward St. Louis, with the reception committee still standing on the station platform.

### CHURCH GROUP ELECTS

Seminary Head Named President of History Society.

By United Press  
AUBURN, N. Y., Dec. 28.—The Rev. Dr. Frederick W. Loetsch, professor of church history at the Princeton (N. J.) Theological Seminary, yesterday was selected president of the American Society of Church History.

### Hazy Day

Woman Doesn't Remember Being Beaten.

A sixty-day free "memory course" was promised a witness in municipal court three yesterday when a chorus of "I don't remember" tried the patience of Judge Dewey E. Myers.

The hazy recollection of Miss Louise Gillmore, 856 North East street, as to what happened in the early morning hours of Christmas resulted in the dismissal of assault charges against French Childers, Ft. Harrison soldier.

Childers was arrested early Christmas morning by Sergeant Claude Kinder when he found Miss Gillmore lying screaming in the street at Delaware and St. Clair streets. She charged that Childers had dragged her out of a nearby apartment house and beat her.

In court this morning, Miss Gillmore said she was Mrs. Gillmore and answered "I don't remember" to questions as to whether she had been with Childers and had been struck by him.

When she said she didn't even remember seeing Sergeant Kinder the sergeant exclaimed: "Why, Judge, she called me by name when she came here this morning!"

Sufficiently irked, Judge Myers declared, "There is no charge against you now, Mrs. Gillmore, but if you appear in this court again I'll give you sixty days to improve your memory."

### STATE ROAD NO. 67 HIGHEST IN ACCIDENTS

Anderson-Pendleton Stretch Has Most Automobile Fatalities.

By Times Special  
ANDERSON, Dec. 28.—More automobile fatalities occur on State Road 67, between Anderson and Pendleton, than on any other section of highway in the state, James D. Adams, state highway commission director, said today.

Mr. Adams further stated that the Anderson-Indianapolis stretch of road ranked second highest in the state for volume of traffic. He told of an extensive program of road widening in Indiana next year to promote safety and to provide relief jobs.

## CWA PUTS 234 MEN TO WORK AT 4 AIRPORTS

State's Projects Include Establishment of New Field.

Work on four airports in the state has been begun as part of the CWA program, giving employment to 234 men, it was announced today by William H. Book, CWA state administrator.

The work includes improvement of fields at Bloomington, Muncie and Terre Haute, and establishment of a new field at Portland. The work is being performed under direction of Major Charles E. Cox Jr., Indianapolis municipal airport superintendent, and director of the CWA airport division.

Mr. Book each project, appointment of Ross Caldwell, 2424 College avenue, to have charge of housing and relief for the transient activities bureau, under direction of Edward E. LiBella, state transient activities director.

Plans for conducting a campaign for safety of CWA project employees in the state were announced by Mr. Book with appointment of Neal Dow, Indianapolis, as CWA safety director, and W. Pierce MacCoy, Anderson, as assistant director.

The national safety plan provides for selection of a community safety director in each large city, and a safety director, generally a foreman or timekeeper, on every job employing more than ten men. A man trained in first aid work will be assigned to each project.

New CWA projects approved include one for the straightening and widening of Pleasant Run creek through the city. The work will provide employment for seventy-six men with a total of \$8,032 wages.

### In the Air

Weather conditions at 9 a. m.: North wind, 4 miles an hour; temperature, 13; barometric pressure, 30.60; general conditions, high scattered clouds, smoky; ceiling, unlimited; visibility, four miles.

## A CORRECTION

Due to an oversight a blanket advertisement was inserted in The Times of Dec. 27th without proper corrections being made.

A blanket at 89c was advertised as being a 70x80 part-wool double blanket, whereas it is a 70x80 part-wool single blanket.

We regret if our error has caused any one any inconvenience, and hereby offer our apologies.

THE STORE WITHOUT A NAME



# "CANADIAN CLUB"

"Canadian Club" quality—famous the world over—began with Hiram Walker 75 years ago. That quality, and "Canadian Club" purity, are the products of distilling skill and experience, with the will to produce nothing short of the best. ONLY TIME CAN AGE GOOD WHISKY—and the government guarantees the ripe old age of "Canadian Club" by affixing to every bottle its official stamp which certifies when the contents were distilled.

HIRAM WALKER & SONS  
WALKERVILLE, ONTARIO PEORIA, ILLINOIS

## FREE PARKING FOR STAR STORE PATRONS

# STAR STORE

BUY ON OUR TEN-PAY PLAN  
360-370 WEST WASHINGTON ST.

## End of The Year Clearance Sale

Friday and Saturday

With cold weather here, and prices at their lowest, now is the time to buy your winter needs at these super-"Star Store" low prices... There are many unadvertised bargains, not listed in this advertisement.

**\$2.95 Val., 70x80 Part-Wool BLANKETS**

HEAVY, WARM AND SERVICEABLE

\$2.19 PAIR

Not less than 5% wool in each blanket, neat plaid patterns, 3-inch satin binding. A blanket for years of warmth and service.

Star Basement

**42x36 HAND EMBROIDERED PILLOWCASES**

Priced regularly at 69c pair, embroidered in beautiful colored designs.

47c

Star Basement

**81x90 GENUINE PEPPERELL SHEETS**

Hemstitched, 3-year guarantee, regular \$1.25 value, bleached.

\$1

Star Basement

**80x105-INCH KRINKLED BEDSPREADS**

Choice of popular colors, full double-bed size. And only..

79c

Star Basement

**CHILD'S 3-PIECE SUEDETTE SUITS \$1.98**

Jacket, zipper leggings and helmet. Our regular \$2.98 value.

Star, 2nd Floor

**TOTS' 3-PIECE CHINCHILLA SETS \$1.98**

Coat, beret and leggings, white, green, pink, sizes 2 to 4.

Star, 2nd Floor

**TOTS' 2-PIECE CHINCHILLA COAT SET 94c**

Slightly mussed from display, priced regularly at \$2.98. Special.

Star, 2nd Floor

**CHILD'S 6-TO-16 Warm Winter U'Suits 39c**

Perfect fitting, right weight for winter wear, well made, only 39c.

Star, 2nd Floor

## Women's Better Grade NEW WINTER COATS

Included Are Coats That Sold Up to \$20.00

\$11.77

Each Coat Lavishly Furred Fashioned of Fine Materials

Yes, coats you can be well proud to wear, and every one worth many dollars more trimmed with selected fur, neatly lined. A coat that will give two good seasons of wear, sizes 14 to 50. Priced special for Year-End Clearance.

Star, Second Floor

## ANOTHER GROUP OF WOMEN'S WINTER COATS

Sport coats, tweeds and dress coats, in sizes 14 to 44, in black and mixtures. Some are fur fabric trimmed. These are exceptional at .....

\$5.77

Star, Second Floor

600—Pairs Chiffon Hose. \$1 to \$1.35 Value. First Quality... 59c Pr.

167—Pairs Women's Black Wool Hose. Sizes 8 1/2, 9, 9 1/2 Only, 25c Pr.

Women's Capeskin Gloves. Black, Brown. Slipon Style... 98c Pr.

Women's Lace Trimmed Slips. California and Straight Tops... 69c

SLIPS, CHEMISE, DANCETTES, GOWNS AND PAJAMAS. 1/4 Off

PURE SILK. \$1.29 TO \$3.95 VALUES.

Armand's Face Powder. Symphonie, Brunette and Flesh, 55c Value, 39c

SALE! WOMEN'S BETTER SHOES

PUMPS—TIES—OXFORDS

\$1.97

Pair

Included are many high grade arch support models, suedes, also black and brown kid, all heels included. These are exceptional at \$1.97 Pr.

Star, 1st Floor.

MEN'S OVERALLS

Made in Indianapolis Of heavy white back blue denim, bib style, in sizes 32 to 42. Specially priced for this sale. Pair .....

89c

Star, 1st Floor.

Boys' Leather HI-CUTS \$2.95 Pr.

Water proof soles and uppers, all leather, warm, serviceable, good for all winter.

Women's & Girls' GALOSHES 95c Pr.

Goodyear Quality Black or brown, 2 or 3-snap style, fleece lined, all heels.

MEN'S \$1.89 SWEATERS

Slipover style, all wool, sizes 36 to 42. Also coat style wool mixed, size 36 to 50 .....

\$1

Star, 1st Floor.

MEN'S UNION SUITS

Medium weight, gray and ecru, replacement price on these is \$1.59. Sizes 36 to 46 .....

\$1

Star, 1st Floor.

ALL-COTTON MATTRESS

All cotton, heavy practical weight, with colorful ticking, hand tufted. Special .....

\$5.95

Star, Basement

WINDOW REFRIGERATORS

Galvanized iron, standard window size, 24x 12x12 inches, shelf inside .....

98c

Star, Basement