

## WHAT SCIENCE IS DOING

Pure Water?

Pecause water is the universal solvent, really pure water is never found in nature, comments the Saskatchewan Farmer.

To some extent it dissolves everything, even solid rock, glass, or gold. As it flows through rock strata it picks up a little of every-thing it touches. It dissolves car-bon dioxide, producing naturally earbonated water.

When it dissolves natural gas in

the ground, there is the amazing phenomenon of water giving off in-flammable bubbles. This solvent action of water poses staggering problems for industry. As little as one part

of Iron in two million parts of water can wreck a textile mill by staining cloth.
Traces of minerals upset the

delicate chemistry of rayon mak-ing. Boiler scale, formed of the minerals left behind by hard water, is a costly hazard in power Water hardness poses the biggest

problems encountered by industry and householders alike. Hardness s governed by the quantity of calcium and magnesium compounds dissolved in water. Less than one grain (about one

even-thousandth of a pound) of these compounds per gallon makes water objectionably hard for certain industrial uses.

WORKERETTE



Typifying the war-working woman-hood of Great Britain, Desnit hood of Great Britain, Desnit Magnus, above, was awarded title of "Miss War Worker—1944" by Sussex County, together with cup which is hers outright "because 1944 is the Victory Year"

## Shipping Containers Made Of Strawboard

Farmers who sell their surplus wheat, rye or oat straw to Hinde and Dauch Paper Co. in Trenton for manufacture into strawboard are not only helping themselves by turning their surplus straw into eash, but they are also helping the war effort tremendously.

rate and destroying established Straw is manufactured into populations-by starvation and the strawboard which, in turn, is used uprooting of millions of people and in the manufacture of corrugated settling them far from their native lands—is calculated to leave a de-bilitated generation in the rest of Europe facing a healthy and vigorshipping containers so largely used the Department of Munitions and Supply for shipments overseas and also for packaging necessary civilian food and clothing. ous German generation, he warns.
"Once the war is over," writes Mr. Wolfe, "the Nazis reason that jobless millions will be demanding employment, and the Germans will be ready to step in and say: We have the plans. Not all our machin-



JAP DRYDOCKS AND OIL DEPOTS HIT BY B-295



mile round trip from secret Chinese bases, blasted Japanese drydocks and shipways at Nagasaki on the southern tip of Japarchipelago, and oil refineries and depots at Palembang, in southeastern Sumatra. The spectacular bombing is the beginning of the new offensive which American military leaders promise will bring Japan's unconditional surrender.

THE WAR - WEEK - Commentary on Current Events

## Nazis Are Planning Long-Range Conspiracy Against The World

world economic recovery practic-

ally impossible. Then when the masses find that there is no hope

from the victors, the Nazis believe

they will turn to the dynamic leadership" offered by the Ger-mans. This arrangement would ensure a highly industrialized Reich surrounded by dependent

agrarian neighbors. In effect, Ger-

many would be pretty well set for the Third World War or for the

third phase of the Thirty (or

An Allied commentator said recently that German talk of using

10-ton explosive rockets against

England, in the manner of the ro-

bot bombs, may not be sheer pro-

He pointed to attacks by RAF

ancasters on possible V-2 (rock-

et) sites with 12,000-pound "quake-

A new rocket is reported from

ertain unauthenticated sources in-

side France to weigh about 90 tons

at launching. Its size is said to di-

minish as fuel is expended in flight

10-ton war-head is designed as the

The commentator said V-2 might

aganda talk.

reach its destination.

be no wishful thinking.

10-Ton 'Rockets'

Nazi V-2 Weapon:

they will turn to the "dynamic

It might be said that this became | with gigantic debts, taxes, infiaa Thirty Years' War with the advent of August. We wish that it might be said with historical fin-ality—for that would mean an end of the United Nations to make in 1944 ot the world conflict which began on August 1, 1914, was interrupted by the Armistice of 1918, and was resumed on a larger scale September 3, 1939. We are inclined to be skeptical, however, about civilization's chances of getting off with a mere Thirty Years' War. True, the Germans may get another armistice before the end of 1944; but all the signs point to German determination to make this a briefer armistice than its predecessorand to make the third phase of this Thirty Years' War a more violent and destructive thrust for world domination than the phases which we know as the First and Second World Wars, says The Buffalo Courier-Express.

Plans for Next War To illustrate: Eight years ago,

Henry C. Wolfe, American writer (who called the turn on the Hitler-Stalin pact, in the face of general skepticism), sat with Erich Koch. gauleiter of East Prussia, in the latter's office in Koenigsberg, Here is what Koch said, according to Wolfe's article, "German Plans for the Next War" in the August

American Mercury: "We shall beat you by one means r another. We are at war with through the stratosphere and the your bourgecis civilization. The nethods we use will be dictated by part of this monster weapon to circumstances. At times we may fight you on the battlefield; at other be highly inaccurate or might fizzle out in flight, but that there should times it will be a war of ideas. We may suffer defeats; you may win victories. Or at least you will think you have won. But our will is stronger than yours. And in the

world," says Mr. Wolfe, "the Nazis have scrambled the economy of Europe entirely." They have des-troyed the accumulated capital and

business structures of the Occupied

countries. They are employing the

scorched earth policy aimed at leaving the evacuated lands so

impoverished as to postpone and

perhaps to prevent economic re-covery entirely. Their depopulation

policy which employs every ruth-

less method of decreasing the birth

ery was destroyed by bombs. Give us the manpower and the raw materials and we shall produce for

the world markets. That will mean

employment and finished goods for

all. We'll all prosper by this ar-

rangement."
To Offer Dynamic Leadership

The Nazis, reports, Mr. Wolfe,

expect to finance their post-defeat activities with money and other

assets hidden in neutral countries.
They bank on our failure to cope

STOP SNEEZING Now that the Russians are tear-ing into East Prussia, Gauleiter Hay fever sufferers say there's nothing like NOSTROLINE for instant action. You smear NOSTROLINE up your nose, where the trouble is. Stuffines, sneezing, sniffing, irritation are relieved immediately. Breathing is easy. NOSTROLINE helps keep the nose healthy. 50c at all druggists. Koch's words sound like empty boasts—but were they? Wolfe apparently doesn't think so.

Economy of Europe Scrambled "As part of their long-range con-spiracy against the democratic

NOSTROLINE Good Way To Treat

Sore, Painful Piles Here is the chance for every person in Canada suffering from sore, itching, painful piles to try a simple home remedy with the promise of a reliable firm to refund the cost of the treatment if you are not satisfied with the results. Satisfied with the results.

Simply go to any druggist and get a bottle of Hem-Roid and use as directed. Hem-Roid is an internal treatment, easy and pleasant to use and pleasing results are quickly noticed litching and series are relieved, pain subsides are as the treatment is continued so as the treatment is continued to sore, painful pile tumors heal over leaving the rectal membranes clean and healthy. Get a bottle of Hem-Roid today and see for yourself what an easy, pleasant way this is to rid yourself of your pile misery.

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## We Must Stem Tide Of Hysteria And Ignorance

Except for a few radical intellectuals, no one in Canada really wants socialism, J. M. Macdonnell, former head of the National Trust, argued before the London Rotary Club last week. Other men turned to that party, he said, "only because they distrust the business community - what it has done and what it can do." Bluntly Mr. Mac-donnell stated: "That's the simple, unpleasant fact. They distrust us and regard us as selfish and in-

That distrust, Mr. Macdonnell, attributes to the CCF's constant eampaign of fear - an unfounded and ridiculous fear that the war must necessarily be followed by vast unemployment. While some may think that Mr. Macdonnel is too sweeping in his declaration that business is so

widely distrusted, most of us will

agree with the remedy he suggests,

says The Financial Post. Mr. Mac-

donnel says: "Thats the way we are being pletured. The task is clear, We have to convince men like that that capitalism is not for the benefit of the few, that wages, jobs must come first, and that taxation can guard against undue profits. We have to convince them that under our system while there will be full opportunity for those with energy and the creative instinct — the Edisons large and small - to continue adding to the nation's wealth

Easy to roll, delightful — to smoke

FINE CUT CIGARETTE TOBACCO

and a square deal for all, including work on fair terms; and finally, an assurance that the claims of the weak and the unfortunate will not e forgotten. . . . If we make clear that in peace as well as in war we have a sense of public respo sibility, then we will be able to stem the tide of ignorance and

Nazis On Wrong **End Of Robombers** 

German officers in a prison camp in southern England are revealed to have petitioned the commandant for immediate removal to another section of Engas in the past, there will also be land after a robot bomb landed adequate safeguards against exploit- nearby recently without causing ation so that there will be justice I damage or casualties.

FRENCH ROLL OUT THE BARREL

Bought - Sold - Quoted PICARD & FLEMING

Modern Etiquette By ROBERTA LEE

question has been addressed one person, is it permissible another to answer it? 3. Would it be proper to write temporary address on a calling of with a pencil? 4. What is the prop

for a person to hold his head whi eating at the table? could be characterized as the tr most annoying bores? 6. Is it necessary that a man hol his hat in his hand when in a shop with a woman?

1. Desserts are usually eaten fork, although in some insta both fork and spoon are fur 2. No; it would be very ill-bred do so. 3. No; it should be writte with ink, 4. The head shoul held in an erect position, but stiffly. Bend the body for slightly, of course, when takin bite; but the head should never ent down over the plate. v. one who tries to prove he is rig and the one who tries to prove and remove his hat.

Headache Nothing is more depres-sing than headaches. Why suffer?...Lambly's will give instant relief. Lambly's is good for ear-ache, toothache, pains in back, stomach, bowels

A M B LY'S HEADACHE POWDERS

Thirsty Allied soldiers cluster around a barrel, rolled out by townsfolk for French patriots about to leave Chef Du Pont, France for service with the French army.

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two-furrow plow: two-furrow
plow, tractor disc, (Massey-Harris), Ford two-ton truck (goodcondition), Model A. Tudor, large
power cider press, two large
steam cookers. George Smith

25/40 RUMLEY TRACTOR AND 34/46 Mildmay Separator with grain thrower. Ehersol Peeder and Shredder. Richard Ingrain. Rothsay, Ontario.

OUNT GILEAD APPLE SHRED-der, arranged for power drive, Equipment Sales Co., 122 King E., Toronto.

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other necessary qualifications
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TEACHER WANTED

HEADS AIR ARMY





AWARDED MEDAL



For bravery in the face of the enemy while photographing Canadian troops in the battle for Ortona last winter Sergeant Jack Arnold Stollery of St. Thomas, Ont., has been awarded the Military Medal. A member of the Army Public Relations photographic unit in Italy, his disregard of danger while securing action graphic unit in Italy, his disregard of danger while securing action pictures in the forward area was credited with bolstering morale of the combat forces. Sgt. Stollery is the second Army Public Relations officer to be honored in recent awards, Lt. J. H. Smith of Toronto having been made a Member of the Order of the British Empire for gallantry during the Sicilian campaign. campaign.

These Marine Doberman pinschers, Guam-bound, answer the call to colors and the call to "chow-down," on deck of a Coast Guard-manned assault transport. They're members of a 60-dog platoon of scouts and message bearers, and favorite sport is ferreting Japa out of foxholes.

'RETIRED' Wheat, Rye or Oat Straw is needed for Hinde & Dauch Paper Company

of Canada, Limited

TRENTON, . ONTARIO

See Your Nearest Straw Presser or Write Us Direct

"Retired" from action by the Allies at the age of 76, this Nazi prisoner, proof that graybeards in uniform is a fact in hardpressed German army, is pictured headed for interment after capture in France.



A Hurricane fighter, of the type previously made at Fort William by the workers of Canadian Car and Foundry, now engaged on Curtiss Hellc'ver production, was the choice of school children of Victoria and Haliburton counties in Eastern Ontario to carry the name of their area as the reward of buying over \$25,000 in war savings stamps. Picture above shows Group Captain A. D. Bell Irving, officer commanding Trenton air station, after he had presented them with a plaque expressing the R.C.A.F.'s appreciation. CANADIAN TANKMEN CLEAR WAY FOR BRITISH INFANTRY

School Children at Simcoe Ont., raised \$11,600 in war stamp sales and their money bought a Fleet Cornell training plane which was presented to the bombing and gunnery school, Jarvis. Proud of their job, these pupils give the bombing and gunnery school, Jarvis. Proud of their job, these pupils give the bombing and gunnery school, Jarvis. Proud of their job, these pupils give the creighton Riordon and Doug. Hare, Only recently the workers of Fleet Creighton Riordon and Doug. Hare, Only recently the workers of Fleet Aircraft, at Fort Erie, were honoured with their name given to a plane which they made "on their own time" and which they presented to the war effort.

PER ARDUA AD ASTRA



This is the handsome R.C.A.F. Plaque which, together with the This is the handsome R.C.A.F. Plaque which, together with the honour of having their name given to an aircraft, goes to schools which have reached their war savings stamp objective—the cost of the aircraft. The scroll reads: "Prescrited by the Royal Canadian Air Force in recognition of the financing of an aircraft through the purchase of war savings stamps by the students" of the schools or schools honoured. Several hundred thousand school children participated in the enterprise this past school year. Popular choices were Canadian-made aircraft such as Fleet Cornells, Noorduyn Harvards, Canadian Car and Foundry Hurricanes and Ansons.

BOW-WOW CHOW



His Majesty the King decorated a number of Canadians during his visit to his troops fighting in Italy. Picture shows His Majesty shaking hands with Major J. K. Mahony, of new Westminster, B. C., winner of the Victoria Cross after his medal had been pinned to his Bush





His Majesty the King decorated A REX RESEARCH PRODUCT



