BARITE FOUND IN N.S.
A deposit of at least 420,000 short tons of barite has been disclosed by drilling at Pembroke, Hants county, Nova Scotia, ac cording to a report to the Department of Mines and Resources by L. J. Weeks, Ottawa, geologist of

The find is considered of great importance and suggests the possibility of Canada's production of barite being increased by a hundred-fold. In 1940 the output was 330 tons.

Barite is required in the drilling of oll wells. In ground form it gives added weight to the mud in controlling gas pressure. It also is used as a filler in rubber, paper oilcloth, textiles, leather and plastics, and as a pigment and extender in paints.

A mill capable of treating 150 tons of ore a day or about 45,000 tons a year has been erected at Walton, about 2½ miles from the deposit in Nova Scotia. Two cargoes of barite, each of about 2,500 tons, already have been shipped to Trinidad for use in the oil wells there and 250 tons to Peru.

LOCUST KILLER

Bobyleva, a member of the staff of the Russian Tashkent Medical Institute, has succeeded in developing a microbe culture that kills locusts. The microbe is bred in an infusion of hay, which is sprinkled on the infested fields. The lo custs devour the grass and not only perish but infect their fellows. The microbe is harmle human beings and animals.

#### How Can I? BY ANNE ASHLEY

Q. How can I clean excessively

oily hair? A. When ones hair is especially oily in texture, an occasional dry shampoo of finely-powdered orris root is a splendid help. Put the powder through a fine sleve, sprinklo through the hair, and then brush out with a clean, dry

brush until every particle of the

powder has been removed.

Q. How can I substitute a good

tooth powder at home?
A. An effective tooth powder is common baking soda. Merely place a little of the powder in the hand, moisten the brush, and dip it in

the powder. Q. How can I make scrambled eggs lighter and more tasty?

A. Use one level teaspoon of baking powder with every six eggs. Add the baking powder to the mixture just before cooking. Q. How can I make use of the vinegar in which mixed pickles are packed?

A. This vinegar gives a delicious spiced flavor to salad dressing, much better than ordinary vinegar. Q. How can I remove gloss from woollens?

A. Wring a piece of cheesecloth out of water containing a few drops of ammonia and sponge the fabric thoroughly with long, straight sweeps of the arm. Press under a damp cloth.

## Feed Plan Saves About \$2,750,000

Under the government's new plan of aiding farmers of Eastern Canada by paying transportation costs on feed grains from the West, it is estimated the farmers of Ontario alone will benefit to the extent of around \$2.750,000. aid to farmers will run around 12 cents a bushel and the estimated requirements of feed or coarse ins in the 23,000,000 bushels.

JOHN MURRAY GIBBON, C.P.R.



At the annual banquet of the Association of Canadian Advertisers held at the Royal York Hotel, John Murray Gibbon, Montreal, general publicity agent, Canadian Pacific Railway, was awarded the silver medal of the association for an outstanding contribution to Canadan advertising by an advertising manager.

C. R. Vint, president of the association, presented the medal to Mr. Gibbon on the recommendation of a jury composed of prominent Canadian advertising and promotion executives, headed by H. H. Rimmer, Toronto, as chairman.

In awarding the medal to Mr. Gibbon, Mr. Rimmer lauded the long career of this well known railway executive whom the standard and advertising and publicity specialist, poet, novelist, librettist and musician, who had rendered distinguished service not only in advertising his own company, but also in advertising the Documbon of Canada, since joining the Canadian Pacific Railway in 1907."

#### C.N.R. Surplus To Set High Record

President R. C. Vaughan of Canadian National Railways said in an interview the combine expected to have a surplus for the current year of \$3,000,000 to \$5,000,000, the first since 1929

and largest in its history.

Mr. Vaughan estimated net profits at between \$66,000,0 0 and \$68,000,000, before fixed profits at between \$66,000,000

Movement of war materials has boosted freight volume to the largest since 1923, when the railways were reorganized in their present form, Mr. Vaughan said. adding that there had been a "substantial improvement" in pas senger, steamship and hotel busi-

The railways are using American coal in some of its operations because of the production slowdown in Cape Breton coal mines,

the President said. "We have been obliged to ship American coal as far east as Mont Joli, Quebec, and Edmundston, N.B., as a result of the slow-down," Mr. Vaughan explained. "The situation is improving gradually, but we are still using American coal in the Maritimes whereas in 1939 we were using Canadian coal in Ontario."

# Sebastopol

Sebastopol harbor, one of the prizes which the Germans seek in the Crimea, is 36 to 240 feet deer. It is the main Russian Black Sea naval base. In the Crimean War before its garrison marched out.

# NEW LINK BETWEEN CANADA — U.S.



Simultaneous raising of the Canadian and United States flags at the international boundary line marks the opening to traffic of the new \$3,760,000 Rainbow Bridge between Canada and U.S. at Niagara Falls. Samuel M. Johnson, New York member of the bridge commission, raises Stars and Stripes, while Ontario Minister of Highways, T. B. McQuesten hauls up Union Jack. Structure, which replaces Honeymoon Bridge destroyed in 1938 ice jam, will not be formally dedicated until next spring.

# Modern Etiquette

BY ROBERTA LEE

1. If one is a college freshman and is not pledged to any fraternity, should he tell any member he happens to know that he would like to belong to a fraternity?

2. Is it necessary that a business

man rise when a woman employee enters his office?
3. Should a small boy who is

ring bearer at a wedding, wear a boutonniere in the buttonhole of his jacket? 4. When it is necessary to crowd

past other people to reach or leave one's seat in a theatre, what is he correct manner of so doing?

5. If one is a house guest and his cigarette accidentally burns a hole in the tablecloth or the table, what

should he do? 6. Is it proper to fold napkins. for the dinner table, into fancy shapes?

ANSWERS

1. No; he should concentrate on doing something well such as football, debating, or any activity of interest to him. Fraternities choose those students who show signs of becoming campus leaders. 2. No; but he must always stand to re ceive a woman -isitor. 3. No. 4. Do not turn so that you face these people, but slip in or out with your back towards them, and with a quiet "pardon me." Do this as quickly as possible, and take care not to brush your purse or coat over the heads of the people seated in the row immediately in 5 Replace the tablecloth with a new one and arrange to have the table refinished, or apoloand send the hostess a gift which amounts to the cost of the damage 6. No: the correct shapes for the dinner ta'le are either the perfect square or the obiong, although the triangle may be used for breakfast and luncheon.

## Eight New Ships For Canada's Navy

Eight quarts of champagne the most ever spilled in Canada in one Maritime christening — sped towards the Atlantic Ocean recently along the battle-path to be followed soon by an octet of new Canadian war vessels whose bows it spattered in a unique ceremony.

Hailed as an event without parallel in Canadian history, the multiple christening started with the smooth launching of one corvette and continued in the same shipyard operated by Marine Industries, Limited, with the rapidfire blessing of seven other tough young warships, all nearly ready for a salt-water initiation.

Named After Canadian Cities The new vessels - four corvettes and four minesweepers-were named after Canadian cities and towns scattered through seven provinces from Esquimalt, B.C., to Fredericton.

It was announced that Canadian Corvettes already have scored successes against enemy . U-

# - HAVE -YOU HEARD?

new draftee had made th fatal mistake of failing to salute a second lieutenant, and the latter was prescribing his punishment. when the captain came along and inquired the trouble.

"He failed to salute, sir,"

ported the lieutenant.

"What do you propose to do about it?" asked the captain.

"I have ordered him to stand and salute two hundred times, sir." "Quite right, lieutenant," replied the captain. "Proceed with the punishment. But remember, every time he salutes you must salute back."

Then there was the Canadian in an English hospital who couldn't get as much attention as he thought he deserved.
"Do you think I came in here

to die?" he asked bitterly. The Cockney in the next bed "No, you came in yesterdye."

A young Scotsman went to the telegraph office one morning and wired a proposal of marriage to his sweetheart. After spending the entire day and part of the night waiting, he was finally rewarded

by an affirmative reply.
"If I were you," suggested the
operator who delivered the message, "I'd think twice before I'd marry a girl who kept me waiting all day, for my answer."
"Na, na," replied the young Scot.

"The lass who waits for the night rates is the lass for me."

"I hear you're writing a book on 'How to Rear Your Baby.' Don't you find writing an awful tie, with your own baby to look after?"

"Oh, no. Baby's at his grandmother's so's I can get on with the book!"

A farmer, visiting his son's college and wandering into the chemistry class, saw some students experimenting.

"What are you trying to do?" he asked. "We're endeavoring," replied one of the students, "to discover or invent a universal solvent."

"What's that?"
"A liquid that will dissolve anything.

"That's a great idea, agreed the farmer. "When you find it, what are you going to keep it in." .

Wife: "Tomorrow is the tenth anniversary of our wedding Shall I kill the turkey?" Husband: "Why what did he have to do with it?"

A traveller connected with a cycle company was expecting an "interesting event" in the family and before going away asked the nurse to wire "Gent's model ar-rived" if a boy came, and "Lady's model" if a girl.

The wire he received staggered him. There was one word-"Tan-

# V For Victory In Morse Code

A reader, says The Ottawa Journal, asks how the three dots and a dash (...—) in Morse code make up the word Victory. The answer, of course, is that the signal is not for the word victory but for the letter V and the V

it is that stands for victory. The Morse code consists of 26 different combinations of dots and dashes for letters of the al-phabet, another for the abbreviation & and 10 more for the figures one to nine and zero. Morse code therefore is not based on sounds or syllables as in Pittman and Gregg shorthand, although employ single signals for common words and phrases, borrowing them from the Phillips code. Thus press telegraphers will sig-nal D for "in the" and K for "out of the" and W for "with" and

Here is the Morse alphabet: А. — В — . . . 0 . . P . . . .

 $\underline{D} - \dots$ Q...-. S... T.— U...— E . ј... к... w . - - $X \cdot - \cdot :$   $Y \cdot \cdot \cdot \cdot :$ M ---

N -. can doctors "must all know about by the United States and the Canadian telegraph companies but it is somewhat different from that used overseas and by the British and Canadian armed forces.)

CONSTIPATED?

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## **Delivery of Serum Expedited By Plane**

An urgent call for pneumonia serum found quick response through Trans-Canada Air Lines recently and a plane carried the container to Toronto in the effort to save the life of a child patient. The request from the Sick Children's Hospital, Toronto, came to a local pharmaceutical laboratory pleading for fast delivery. The serum container in a crate was turned over to W. G. Everett, Canadian National Express agent at Montreal, who shipped the precious parcel by Trans-Canada Air Lines plane leaving the Montreal air port (Dorval) at 4.30 p.m. EST, trip No. 7, with instructions to Toronto express services to expe-dite delivery from Malton Air Port, where it arrived at 7 p.m. EST to the hospital.

#### **FIREWORKS**



A rack of machine gun cart-ridges is drawn from the stores at the Jarvis Bombing and Gun-nery School, where students of the Commonwealth Air Training Plan are taught how to draw a bead on Hun aircraft and ground

#### Auto Gravevards Source of Metals

The proposal of the American Automobile Association that Automobile Association that a well-organized effort be made to recover the valuable metal now going to waste in "junked car" graveyards all over the country deserves prompt action, advises The New York Times. The Auto-mobile Club of New York has es-timated that some 5,000,000 tons of steel scrap and much tonnage in other metals needed for defence can be salvaged from the 7,000,000 outworn cars and car frames in the nation's dumps. At a time when shortages are reaching into every field of machinery that uses metal, any considerable part of this car waste would be

worth recovery.

Meanwhile the cleaning-up of the junk vards would be a blessing to the countryside. Here is a cause which is at once utilitarian and aesthetic.

# CUT EACH SMOKE FRESH FROM THE PLUG

AND SAVE MONEY WITH DIXIE.

# PLUG SMOKING TOBACCO

#### City-Bred Evacuee Writes About Cows

Ernest Brown, Minister of Health in the British Government, recently read the following essay he received from a 10-year-old London East End boy who had been evacuated to the country: "Birds and Beast"

The cow is a manual. It has six sides, right and left and upper and below. At the back it has a tail on which hangs a brush. With this he sends flies away so they don't fall into the milk. The head is for the purpose of growing horns and so his mouth can be somewhere. The horns are to but with and the mouth to moo with. Under the cow hangs milk. It is arranged for milking. When people milk, milk comes and there never is an end to the ply. How the cow does it I have not yet realized but it makes more and more. The cow has a fine sense of smell and one car smell it far away. This is the reason for fresh air n the country. A man cow is called an ox.

The cow does not eat much but what it eats it eats twice so that it gets enough. When it is hungry it moos and when it says nothing at all it is because its insides are full up with grass.

# Ban Is Lifted On Diesel Oil

Banning of the sale or purchase of diesel oil and the installation of diesel engines has been lifted. the office of the oil controller, G. R. Cottrelle, announced recently.

An order issued June 24 banned the sale or purchase of diesel oil for equipment which was not being fuelled at the date of the order and prevented the installation of new equipment.

The lifting of the ban was made "to facilitate the work of such primary industries as agriculture, mining, lumbering, fishing and construction."

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# Western Wheat Crop Reduced By Sawfly

Dominion government entomolo gists estimated that Western Can-ada's 1941 wheat production was reduced by more than 50,000,000 bushels as a result of wheat stem sawfly infestation.

The loss, they said, occurred on more than 15,000,000 acres planted to wheat in the Prairie provinces. The estimate was made after en-tomologists from the Lethbridge laboratory conducted an investiga-tion tour of some 12,000 miles through infested fields in Alberta,

Saskatchewan and Alberta.

Magnitude of the loss is blamed on the severity of the infestation and on unfavorable weather conditions during the harvest season which prevented recovery of much

of the wheat cut by sawfiy larrae.

The Dominion Experimental
Farm at Swift Current, Sask., is breeding desirable varieties of wheat capable of resisting wheat

stem sawfly.
Officials said they hoped that next year there would be a reduction of material losses caused by the stem sawfly.

# United States Navy Gets Private Yacht

William K. Vanderbilt of Northport, L. I., a retired Lieutenant Commander of the Naval Reserve, has offered his seagoing yacht Alva to the Government as a

Navy Day gift. The Alva has an overall length of 264 feet, a beam of 46 feet, a draft of 19 feet, and a designed speed of 16 knots. It is powered by two diesel engines of 2,100 horsepower each.

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