## What Science Is Doing

### WHOOPING-COUGH PREVENTION

No. 1 killer of U.S. babies is whooping-cough, which takes a heavier toll than scarlet fever, diphtheria, measles and infantile paralysis combined. Recently, doctors at the American Medical Association meeting in Atlantic City heard reports on (1) a new way to prevent the disease in newborn infants; (2) the serious mental effects of whooping-cough.

Newborn infants have a natural immunity to many infectious diseases, but they cannot be vaccinated against whooping cough before the age of seven months. Apparent reason: their bodies are incapable of producing the antibodies.

Doctors Philip Cohen and Samuel Jerome Scadron of Manhattan told how they solved this grave problem by vaccinating two hundred mothers in the fifth and sixth month of pregnancy. About 150 billion whooping-cough germs were given to the mothers in injections at two-week intervals. The mothers developed antibodies in their blood stream, passed them on through the umbilical cord to their babies. The inoculations had no effect upon pregnancy or delivery.—Time.

### DEHYDRATED BUTTER

Dehydrated butter as developed in New Zealand may be shipped without refrigeration.

According to the Dairy News Letter, only pure, unsalted whey butter is used for dehydrating, although experiments are being carried on with creamery butter.

"The butter is melted over a jet of steam," the Dairy News Letter said, "and the melted fat and condensed steam are run into a cylinder which automatically separates the water that settled by gravity from the butter-fat-water solution."

After several other steps, the material is subjected to a special technique of cooling, filled into sterile cans and sealed.

The Dairy News Letter said the product could be used in its dry state by pastry cooks and ice cream manufacturers. Conversion back into butter is achieved by adding salt and water.

## U. S. War Output Headache For Axis

President Roosevelt announced last week that in May the United States turned out nearly 4,000 planes and more than 1,500 tanks.

Releasing official war production figures for the first time since Pearl Harbor, the President asserted in a statement that the United States also turned out nearly 2,000 artillery and anti-tank guns in May, and these were exclusive of anti-aircraft guns and those to be mounted in tanks.

The May output of machine guns exceeded 50,000 weapons of all types, including infantry, aircraft and anti-aircraft. If submachine guns are added on, the total passes 100,000.

Mr. Roosevelt released these figures because, he said, they are going to give the Axis just the opposite of "aid and comfort."

"We are well on our way," he declared, "towards achieving the rate of production which will bring us to our goals."

The last announced objectives of the war production program, told in the President's annual message to Congress last January, were 185,000 planes in 1942 and 1943, 120,000 tanks, 55,000 anti-aircraft guns.

## Sevastopol

One hears the name pronounced in four different ways: Sevastopol, with a v, accent on second or third syllable, and Sebastopol, with a b, accent on second or third syllable. Presumbly there is some authority for all, but this column votes for only two, says The New York Times. If a persons says Sevastopol, with a "v", which is fairly close to the original Russian, then the accent should be on the third syllable, "tope", which is where the Russian accent falls. But if one clings to the old Sebastopol, with a "b", about which we learned in school in connection with the Crimean War and the "Charge of the Light Brigade", then the accent should be on the second syllable, "bas".

## Paid $5 Fine For "Heiling" Hitler

It made John Nauss $5 poorer to say "Heil Hitler" and give the Nazi salute on a Halifax street. A sailor took a swing at him, and they were brought into court yesterday. Nauss was fined $5. The sailor got off free.

## HOW CAN I?

Q. How can I make a good treatment for the skin?

A. Use the following treatment once a week: Mix with the yolk of an egg one tablespoon of skin tonic, applying to the face and allowing to dry. Then apply the beaten white of the egg over this. Allow to dry and rinse off. This will eradicate the small wrinkles and refine the texture of the skin.

Q. How can I avoid evaporation when cooking soup?

A. Be sure never to let the soup boil. Allow it to simmer slowly. If it boils, much of the liquid is wasted in evaporation, and the best of the flavor is lost.

Q. How can I make a good hot weather bath powder?

A. By mixing equal parts of cornstarch and talcum.

Q. How can I eliminate odors in the refrigerator?

A. Borax and lukewarm water is a good solution for washing the inside of the refrigerator. It not only cleans it wonderfully well, but tends to eliminate any stains or odors.

Q. How can I prevent burning when baking cookies, and honey is used for sweetening?

A. When baking cakes or cookies in which honey is used as a sweetening, be sure to use a rather moderate temperature, as they will burn if the oven is too hot.


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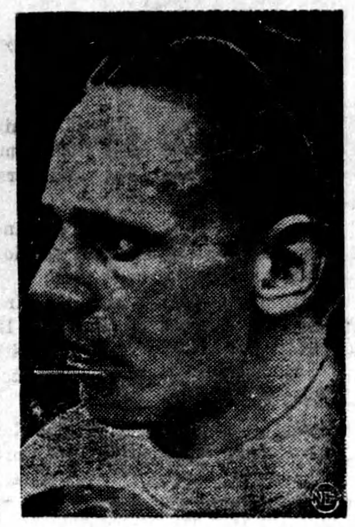
## SWIFT SWEDE



Forty-eight hours after lowering world mile run record to 4:06.2, Gunnar Hagg of Sweden with 8:47.8 cut 8.2 seconds off Miklos Szabo's recognized two-mile mark and 5.4 off figure hung up by Taisto Maki.

## Have You Heard?

The church service was proceeding successfully when a woman in the gallery got so interested that she leaned out too far and fell over the railings. Her dress caught in a chandelier and she was suspended in mid-air. The minister noticed her undignified position and thundered at the congregation:

"Any person who turns round will be struck stone blind."

A man, whose curiosity was getting the better of him, turned to his companion and said: "I'm going to risk one eye."

**Valerie: "What sort of a chap is Rupert?"**

**Verena: "Well, when we were together last night the lights went out, and he spent the rest of the evening repairing the break.**

A clergyman noticed a woman named Mrs. Parker, whom he much disliked, coming up his front steps. Taking refuge in his study, he left his wife to entertain the caller.

Half an hour later he emerged from his retreat, listened carefully on the landing, and hearing nothing below, called down to his wife: "Has that horrible old bore gone?"

The woman was still in the drawing room, but the minister's wife proved equal to the occasion.

"Yes, dear," she called back, "she went long ago! Mrs. Parker is here now."

**A little boy was saying his prayers in a very small voice.**

**"I can't hear you, dear," his mother said.**

**"Wasn't talking to you," the small boy replied.**

After pulling up a young lady who was driving a car, the policeman said to her sternly.

"And, miss, did you know that not only were you on your wrong side, but you were travelling at 50 miles an hour in a built-up area?"

"Oh, isn't that marvellous?" exclaimed the sweet young thing. "And I only learned to drive yesterday!"

A New York columnist tells about a woman who tried to turn over her husband to collectors for old rubber.

"We can't take him," one of the collectors argued.

"Why not?" demanded the woman, "He's a heel, ain't he?"

Maybe he was a wooden, not a rubber heel.

**"By Jove, Mac, you've holed in one!"**

**"Aweel, it saves wear and tear on ma wee ball."**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## MODERN ETIQUETTE

1. Is it proper to thank a hostess for a meal?

2. Isn't it a friendly gesture to hold a person's hand, or place a hand on his arm, while talking with him?

3. Is it permissible to use the knife and fork when eating fish?

4. Is the word "stationery" proper when referring to one's paper that is used for social correspondence?

5. Are there any certain guests who should be the first to leave a dinner party?

6. Is it all right to announce a wedding engagement at a tea or a card party?

### ANSWERS

1. No; the only person who gives thanks for a meal is a beggar. Do not say, "Thank you for the delicious dinner," but instead "I've had a delightful time; it is nice being with you." It is more proper to indicate your enjoyment of the visit than of the fact that you've been fed.

2. It may be a friendly gesture, but it is very annoying to some people and should be avoided.

3. The fork only is used.

4. It is better to reserve "stationery" for a commercial term, and refer to the paper used for social correspondence as "note paper, writing paper, or letter paper".

5. Yes; the guests of honor should be the first to depart.

6. Certainly.

## Jap Wasn't Quite Loyal To Emperor

This story was being told in naval circles recently.

When the United States Navy attacked Japanese-held Wake Island, February 24, one of the American fliers was a Japanese-language student. He overheard a conversation between the pilots of two Japanese bombers which had been damaged and were going into crash falls.

The first pilot said: "I'm now going to crash into the sea in honor of the Emperor."

The second pilot's reply freely translated: "Go ahead, fool; me I am bailing out."

Every time a voluntary system fails it's as much a defeat for democracy at the fall of France, Hong Kong, Bataan or Singapore.

## Czechs Toss Pens And Wreck Train

**Come along with a Czecho-Slovak patriot as he blows up a Nazi freight train with fountain pens.**

**It's deep midnight when a motorcyclist speeds up to the leader of a group of Czech saboteurs in the German-occupied land, and, according to the account received in New York by the American Friends of Czecho-Slovakia, hands him this message:**

"Tomorrow at 4.10 a.m., a freight train leaves station—for the Russian front. See that it does not arrive."

### Saboteurs Called Together

That brief, unsigned order, borne by an unidentified courier, sets the chief saboteur in motion. Racing down the street to an inn, he summons a taxi driver and they roll out to the edge of the wood. The saboteur, a young student, stands in a clearing and makes a sound like a hoot owl.

The eerie call is answered.

Then, the account of this particular instance goes on, the student enters an old game warden's cottage and is welcomed by the housewife "with the look of women whose husbands have been dragged off to concentration camps."

The housewife takes the patriot to the cellar where, from a shelf behind some barrels, he selects six fountain pens of assorted sizes. He rejoins his driver and goes to another wood near the railway, hiding in the bush along the right-of-way.

### Train is Wrecked

"A little after four in the morning," the report says, "a freight train appeared—coal cars and then tank cars. The student took a pen marked 'K' from his pocket and threw in onto the small platform of the tank car. His second pen landed on a flat car of straw. The third and fourth landed on two more tank cars of oil. The thickest pen landed on the roof of a box car which he rightly conjectured was loaded with ammunition.

"The results came out next day when the grapevine passed along word that there had been a serious railway accident at Lvov. A freight train rolling toward the Russian front had suddenly and inexplicably exploded in five places. A German troop train crashed into the wreck and some 800 soldiers were injured, many of them very seriously."

Thus does a beaten people write bad news for their oppressor, with pens of explosives far more indelible than ink.

Human plans fail when human character fails. We must build as strong in belief as in body.

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