DESTROYER DESTROYED

Britain chalks up another victory in the Mediterranean in the picturesque sinking of the Italian destroyer Artiglier. Torpedo from the British cruiser York hits the Italian vessel just short of amidships. Moments later, great geyser of smoke envelops ship, and shoots skyward, indicating explosion of powder magazine.

What Science Is Doing

TREE-PLANTING MACHINE

After three years a machine that will plant about 8,000 trees or shrubs a day has been developed for use on the shelter belts of the Prairie States Forestry Project.

The planting machine is mounted on an implement called a "unicarrier" to which are commonly attached plows, disks, tillage tools and similar farm equipment.

The machine planter can be moved from farm to farm on its own wheels. An ordinary tractor delivering from 15 to 20 drawbar horsepower handles it without difficulty. A planting crew consists of two men on the machine and a tractor driver. The two planters riding the machine alternate in placing trees in the trench and holding them in position until the double wheels directly behind the blades pack the soil around the tree roots. A clicker signals when a tree is to be placed.

The machine resembles a vegetable-plant setter, but differs from it in that no water is used to sluice the trees into place.

A crew of three and a helper can plant an average of about a mile of ten-row shelter-belt trees in an eight-hour day—about 8,000 trees and shrubs of several different species. A twelve-man crew using hand tools can plant only 6,000 trees and shrubs per day in soil prepared by the trench-digging unicarrier alone.

—o—

HOG CHOLERA

Over 100,000 pigs have been successfully immunized with a new hog-cholera vaccine developed by Professor William T. Boynton of the University of California, after nearly a quarter of a century of research. The standard serum-virus treatment was sometimes followed by fatal enteritis, pneumonia and infection by vermin. The new vaccine is free from these drawbacks. Moreover, there is no danger of spreading the disease because the vaccine is made not from the blood of once-infected animals but from glandular tissue ground up with eucalyptol. A single inoculation is enough.

Churchill Discloses Good R.A.F. News

Prime Minister Churchill's disclosure recently was the first official statement that the Royal Air Force now has attained equality "in size and number" with the German air force.

The Press Association air correspondent said the Prime Minister "apparently was speaking not only of actual strength in frontline aircraft, but also of capacity to maintain equality in production of aircraft."

With the Commonwealth Air Training Plan in full swing, the correspondent said it was considered Britain "is able to keep pace in the supply of pilots with the ever-increasing producton of machines."

"Tail-End Charlies"

Here's a word for young Canadians who, to borrow a phrase from Air Minister Power, have clear grit, nerves of steel and a clear eye: Your chance in the air is coming, the chance to be a "Tail-End Charlie."

He told the Commons recently he believed certain Canadian-made aircraft could be modified and substituted for types difficult to obtain from Britain so Canada could train a type of pupil "to which we are not at all committed" under the British Commonwealth Air Training Plan.

"I refer to pupils such as the straight air gunners—Tail-End Charlies, they call them," said Maj. Power. "They sit at the tail end of the bombing machines with all heaven above and all hell below. They require clear grit; they must have nerves of steel and a clear eye."

Says Battle Is Won In Mediterranean

Gengm Sikorski, Poland's premier and commander-in-chief, went to Malta recently to decorate the crew of a Polish naval unit and said: "Britain has won the battle of the Mediterranean."

"I have seen for myself Britain's domination of these waters is complete while her superiority in the air is beginning to become obvious," he said, adding that "Malta today is an impregnable fortress."

Cats are being stolen in Shanghai for their fur.

How Can I?

BY ANNE ASHLEY

Q. How can I clean furs?

A. Clean the furs by first brushing the wrong way; then sift over the fur some hot cornmeal or bran. Rub this into the fur and allow to stand before brushing it out. Take the fur outdoors and brush (with the nap) with a stiff whiskbroom, after which saturate a clean cloth with gasoline and rub the fur well, using a whiskbroom to restore the nap; then hang in the sun to dry. Rub with the nap when cleaning, and never use water on furs, as it shrinks the hide.

Q. How can I get the tie-backs of window draperies even?

A. When placing the tie-backs you can get them nearer even by lowering the shade to the proper level and using it as a marker.

Q. How can I stop hiccoughs?

A. Moisten some granulated sugar with vinegar and eat it when suffering from hiccoughs. It usually proves an effective remedy.

Q. How can I clean steel knives?

A. Powdered bath brick applied with a large cork dipped in water and then in the powder is the best abrasive. Lay the knife flat on the drainboard, or some other solid surface, when scouring. For obstinate stains, rub with a cut potato dipped in scouring powder.

HAVE YOU HEARD?

He was going home and it was dark. His road from the station was a lonely one and he was hurrying along as fast as he could when he realized suddenly that a man behind was following him purposely. The faster he went the faster the man followed until they came to a field.

"Now," he said to himself," "I'll find out if he's after me," and he entered the field. The man followed him. He circled around and his pursuer dodged after him. He crawled under a hedge. Still the man was after him. At last he turned and faced the fellow. "What do you want? What are you following me for?"

"Well sir, it's like this. I'm going to Mr. Brown's house and the station agent told me to follow you because Mr. Brown lived next door. Tell me something. Do you always go home like this?"

Three tramps had boiled a chicken and were arguing how to divide it. One suggested they should toss a coin. "Head," called Sam. "Tail," called Tom. "I'll take what's left," said Pat.

While waiting for the "All Clear," the men at the Government Munition Training Centre were down in the shelter discussing lodgings.

"I've got digs fit for a blinking king," said one in enthusiastic tones.

'Well, my bed reminds me of the Prince of Wales' motto," cynically retorted another.

"How's that?"

"Because it's got three feathers!"

"So your son is in college?" How is he making it?"

"He isn't making it. I'm making it and he's spending it."

The restaurant advertised rapid service, but did not give it. A patron gave an order, waited patiently, and fell asleep. He awoke to hear the waitress's voice.

"Did you order this sundae?" she asked.

"Good Heavens!" exclaimed the customer in dismay. "I came in here last Monday!"

"Of course I know marriage is a grave step."

"Step? My dear lad, it's a flight of steps and every one of them greased!"

Each One Of Them Attacked Germany

Hitler's charge that "the United States has attacked Germany" recalls some other famous accusations from the same source. According to the Hitler version of things—

"Austria attacked Germany": Its last Chancellor, Schuschnigg, was preparing to hold a plebiscite among his own people, and that was a threat to the German Reich.

"Czecho-Slovakia attacked Germany": It had some territory that Germany wanted, and so it was guilty of aggression.

"Poland attacked Germany": It would not dismember itself, so Hitler was forced to dismember it.

"Denmark, Holland and Belgium all attacked Germany": They were guilty of lying in its line of march.

In our own case, according to the Hitler version, the attack was begun when the unarmed steamship Robin Moor practically threw itself upon a Nazi torpedo.

Germany never attacks. It is Hitler's theory that the bigger the lie the better its reception.

—New York Times.

HELP STOP COUGHS COLDS FAST...EASY

The new improved Buckley Formula is all medication — no syrup — acts faster on coughs and colds—gives you more for your money. But be sure it's the genuine . . . 41-2

BUCKLEY'S MIXTURE

Relieves MONTHLY

FEMALE PAIN

Women who suffer pain of irregular periods with cranky nervousness—due to monthly functional disturbances—should find Lydia E. Pinkham's Vegetable Compound Tablets (with added iron) *very effective* to relieve such distress. Pinkham's Tablets made *especially for women* help build up resistance against such annoying symptoms. Follow label directions. Made in Canada.

"Gigantic Effort" Needed For Victory

Gen. Charles de Gaulle, Free French leader, said recently a "gigantic effort" was necessary to produce "astronomical" quantities of tanks and airplanes for men who "some day will have to go into action in Europe, Asia and Africa."

He spoke at a Foregn Press Association luncheon.

Perhaps, he said, it will be the action of 100,000 tanks, combined with that of 100,000 planes and supplied by 50,000,000 tons of shipping, "which will cause the enemy's mechanized system to crumble and with it the whole edifice of German tyranny."

He said it seemed to be in keeping with the logic of events that Germany should soon seek "the respite she needs" but asserted it "is quite certain in advance" that any German solicitations never would be accepted.

Modern Etiquette

BY ROBERTA LEE

1. Is it all right to apply powder and lip stick in a street car or bus?

2. In what way can a business man dispose of a tiresome caller?

3. If a husband and wife are traveling by car, is it all right for the wife to go into the hotel to make room arrangements while the husband waits in the car?

4. Is it proper to honk the horn when calling for a guest whom you are taking for an automobile drive?

5. Is it proper for a bride who is being married in a traveling costume to have bridesmaids?

6. If a woman is a house guest and her hostess has no servants, should she help with the housework?

Answers

1. Avoid doing this, especially the lip stick. If absolutely necessary to remove shine from the nose, do so as inconspicuously as possible. 2. If rising is not effective, the business man is justified in frankly telling the caller that he is very busy. 3. No; the man should take care of all the necessary arrangements. 4. This is an extremely discourteous act. The correct thing is to ring the doorbell. 5. She usually has only a maid or matron of honor. 6. Yes, or at least, offer to help her hostess.

SINUS SUFFERERS

Mentholatum helps check gathering of mucus... relieves stuffed, choked nostrils. Jars and tubes, 30c. 11R

MENTHOLATUM Gives COMFORT Daily

"IT DOES TASTE GOOD IN A PIPE!"

HANDY SEAL-TIGHT POUCH—15¢

½-LB. "LOK-TOP" TIN—65¢

also packed in Pocket Tins

Picobac

GROWN IN SUNNY, SOUTHERN ONTARIO

How The R. A. F. Found Its Motto

Story of The Most Famous Motto of To-day's World Told By Winnipeg Free Press

How did the Air Force get its motto? One would expect, from the importance of the service today, the courts of heraldry made the fateful choice and Privy Council ratified it.

In the London Times last month there appeared a letter from a clergyman, Rev. John T. Watson, asking how the motto came to be chosen. A correspondence has followed which is astonishing in this—that the motto was chosen in a most haphazard way. Frederick H. Sykes writes that when he was raising the military wing of the flying corps in 1912, one of the difficulties was that all his officers and men were in different uniforms or in civlian dress. At his suggestion a distinctive uniform was authorized.

A badge was now needed and Sykes and Brigadier General David Henderson, of the War Office, together sketched one upon a War Office blotting pad. The badge so sketched is the badge the Air Force wears today.

A motto was needed to complete the badge, and Sykes asked his officers to make suggestions. A young officer by name of J. N. Fletcher proposed "Per Ardua ad Astra." Fletcher had got the idea from a friend named J. S. Yule, an officer in the Royal Engineers, and now in the War Office. This suggestion seemed good and was referred to the War Office. It was criticized by one of the higher-ups as being "bad Latin," but was approved.

Other letters indicate that several schoolmasters were consulted and, in particular, F. H. Rawlins, Lower Master of Eton. They probably had the Sykes suggestion referred to them.

Thus was selected the phrase which has become the most famous motto in the world.

ITCH STOPPED QUICKLY

Use D.D.D.

Quick relief from itching of eczema, rashes and other externally caused skin troubles

35c Bottle, at druggists proves it or money back

British Sound Cure For Shell Shocked

Vivid Picture Presented of What War Is Like In England

The "crash-conditioning" of Britain's shell-shocked Blitzkrieg victims by subjecting them to additional noise was described to members of the Southern Medical Association, in St. Louis, Mo.

The idea of blasting the ears of persons who are already psychopathic and confined to hospitals was said to have been effective, but it did not work on a group of persons who heard for the first time the whine of dive bombers, the shriek and blast of falling bombs.

The sound picture of what war in England is like made women faint and men shudder or get up and depart.

The sounds were transcribed on records by the British Broadcasting Corporation using microphones placed in open fields, homes and bomb shelters near Dover and London during the Battle of Britain last August.

These records have been used in the newest experiment of the war on men, women and children, who were frightened even by a door squeak, in a process described "deconditioning" persons to bomb raid noises.

At first they would run screaming from the rooms, holding their ears and tearing at anything in their way. But within two weeks of treatment, in which the bombardments were repeated with constant warnings that "these are the ones which won't hurt you," the survivors of actual air raids took it as calmly as the passengers roaring along on a New York subway.

Frequently small children have been so de-conditioned by the records that they keep on playing with their toys under actual bombardment conditions, according to officials of the British Library of Information who presented the records here.

...CLASSIFIED ADVERTISEMENTS...

BABY CHICKS

POULTRYKEEPERS — BE PREpared. Order Bray Chicks, mixed, pullets, dayold, started. Immediate delivery or later. Bray Hatchery, 130 John St. N, Hamilton, Ont.

BUTCHERS' SLICING MACHINES

FACTORY REBUILTS, ALL MAKES, prices low, easy terms. Write for full particulars. Berkel Products Ltd., 533-535 College Street, Toronto.

B. C. PROPERTY

BRITISH COLUMBIA IS RECEIVing many Eastern settlers. For farm lands or city property, write H. A. Roberts Ltd., Vancouver, B.C.

PATENTS

FETHERSTONHAUGH & COMPANY Patent Solicitors, Established 1890: 14 King West, Toronto. Booklet of Information on request.

RABBITS

WANTED — LIVE DOMESTIC rabbits. Any quantity, price 10c per pound. You pay express. Lightfoot, St. Lawrence Market, Toronto.

CARS, NEW AND USED

MOUNT PLEASANT MOTORS LTD., Toronto's oldest Chrysler, Plymouth dealers; three locations, 632 Mt. Pleasant Road, 2040 Yonge St., 1650 Danforth Avenue. Our Used Cars make us many friends.

FARM FOR SALE

100 ACRES, GOOD LOCALITY, good land and buildings, flowing well and creek. ¼ mile from highway 26, near Barrie. For particulars, apply George Pain, Anten Mills, Ontario.

100 ACRES, DUNDAS COUNTY, 90 acres cleared, good soil. Large house, barns, four outbuildings. Now occupied. S. R. Thorpe, Williamsburg, Ontario.

GIRLS & WOMEN WANTED

TURN YOUR TIME INTO DOLLARS by selling Familex Products in your community. It's your opportunity for easy and repeat sales. Begin with a few dollars and own your business. MONEY BACK FOR RETURNED UNSOLD GOODS IF OBLIGED TO DISCONTINUE. Business has never been better. Free details and catalogue: Familex, 570 St. Clement, Montreal.

ELECTRIC MOTORS FOR SALE

FARM DUTY ELECTRIC MOTORS, hundreds to choose from. Jones & Moore Electric Company Limited, 296 Adelaide West, Toronto.

GASOLINE ENGINE

FAIRBANKS-MORSE 6 H.P. Gasoline Engine, Type Z. In good running order. Priced to sell at $50.00. J. H. McCaw, Barrie.

GENERATORS WANTED

WANTED DODGE 12 - VOLT GENerators. Pay $3. Shipping Point. State Model. Chas. Warner, Matlock, Man.

HAIRDRESSING SCHOOL

LEARN HAIRDRESSING THE Robertson Method. Information on request regarding fall classes, now beginning. Robertson's Hairdressing Academy, 137 Avenue Road, Toronto.

LEGAL

J. N. LINDSAY, LAW OFFICE, CAPitol Theatre Building, St. Thomas, Ontario. Special Department for farmers collections.

MUSICAL INSTRUMENTS

ASK YOUR DEALER FOR DENNIS guaranteed guitars, or write A. Dennis & Company, 381 Nairn Avenue, Winnipeg.

MALE HELP WANTED

MEN BETWEEN 20 AND 60 ARE earning Thirty to Fifty dollars weekly throughout Canada taking orders by appointment. Some profitable exclusive territories are now open possibly in your locality. Sales experience not necessary. We help and train you. For information write Fuller Brush Company, Sanford Avenue, Hamilton.

MEDICAL

NATURE'S HELP — DIXON'S REMedy for Rheumatic Pains, Neuritis. Thousands praising it. Munro's Drug Store, 335 Elgin, Ottawa. $1.00 Postpaid.

OFFER TO INVENTORS

AN OFFER TO EVERY INVENTOR List of inventions and full information sent free. The Ramsay Co., Registered, Patent Attorneys, 272 Bank Street, Ottawa, Canada.

OFFICE EQUIPMENT

REBUILT TYPEWRITERS, DICtaphones, Adding and Calculating Machines. Guaranteed like new. Ontario Typewriter Co., 81 Adelaide Street West, Toronto.

PUBLIC ACCOUNTANT AUDITORS

FINANCIAL STATEMENTS, INcome Tax Returns, Books written up. Salem & Co., 22 Rusholme Rd., Toronto.

RHEUMATIC PAINS

GOOD RESOLUTION — EVERY sufferer of Rheumatic Pains or Neuritis should try Dixon's Remedy. Munro's Drug Store, 335 Elgin, Ottawa. $1.00 Postpaid.

STAMP COLLECTORS

STAMP COLLECTORS — FREE Crown Colony Coronation Set to applicants for approvals at third catalogue or better. Pennell, 364 Brock Avenue, Toronto.

STAMPS

VICTORY PACKET — TANGANyika - Borneo - Animals - Scarce Bulbhead - Coronations - Early Victorian - Airmails - Map Stamp. Big Catalogue FREE - 5c Postage. Gray Stamp, Dept. WS, Toronto.

STAMMERING

WE CORRECT STAMMERING ON a "No Cure No Pay" basis. Write Aurum Speech Clinic, Orton, Ont.

TURKEYS

BRONZE BREEDERS. CANADIAN National Exhibition Champion Stock Toms $10.00, Hens $6.00, November delivery, Steele's Game Farm, Elmvale.

FOR SALE, TURKEYS, WHITE Holland's, from Government approved, tested for blackhead, birds. Gobblers now weighing 20 lbs. Geese, African, from exhibition stock. Priced reasonable. Considerable reductions on early orders. Norman Horne, Wolfe Island, Ontario.

WOMEN WANTED

WANTED: WOMEN TO DO HOME sewing. Best pay. Postage paid on all work. Sent anywhere. Bontex Specialty Co., Box 27, Chase, B.C.

WANTED USED SAFE

SEND PARTICULARS AS TO DImensions, probable age and name of maker, Box 98, 73 Adelaide W., Toronto.

Play Safe! Send Your Films To Imperial

For better results and faster service. 6 or 8 exposure films 25c; reprints 8 for 25c; both with free enlargement.

Photographic Xmas Cards

made from your own negatives in 3 attractive styles — folder type with mounted picture 12 for $1.25; flat type with embossed margin, 12 for 89c. No orders for less than six.

Imperial Photo Service

Station J Toronto