

Plan Producing Fastest Plane

500 Miles An Hour Made Possible by New Type of Wing Built in United States

The fastest plane yet built, powered by the most efficient air-cooled engines, will emerge soon from the laboratories of the United States National Advisory Committee for Aeronautics, research workers say.

A new knife-like wing, which is a military secret, will enable an airplane to fly at speeds of 500 miles or more because it will nearly eliminate the "shock wave" which develops on a wing surface when the plane's speed approaches the speed of sound about 740 miles an hour.

Engines 3 Times As Powerful
The new engines, some of which are reaching the production stage, will have three times the power of present engines. This development, which required eight years of research by the committee's engineers, is merely a different arrangement of the fins, or strips of metal lining the outside of the engine cylinders to carry away excess heat.

Such terrific power-increase created another problem — new propellers which can utilize the power available. The committee's engineers are at work on propellers of larger diameter. They may have four or six blades instead of the present two or three.

Will She Live To Be Immortal?



Here is Baby Jean, the five-month-old baby adopted by James B. Schafer, master metaphysician, who predicts that if plans for her work out, Jean will live forever. Plans call for Baby Jean to refrain from meat (including eggs, milk and butter) and never to hear the words "sickness" or "death". Forty master metaphysicians, whose headquarters are at the former Vanderbilt mansion in Oakdale, L.I., are co-operating in the "eternal life" program.

Museum Gets Rare Exhibits

Ontario Institution Reports A Highly Profitable Year

The development of the Royal Ontario Museum during the past year has been of a kind and quality "that surpassed my wildest dreams of what might or might not ever be at the disposal of the people of Canada," Dr. C. T. Currier, director of the museum of archaeology, said in his annual report to the board of trustees.

After 30 Years' Hunt
Dr. Currier noted that many rare pieces had been obtained by the Ontario Museum during the past year, most important of which was the acquisition of more than 63 pieces of Buddhist sculpture of China. Also obtained were a French madonna of about 1340, "one of the great statues in any museum in America," and an Italian madonna of 1420. After 30 years' hunting, two of the engraved and inlaid helmets with the mark of Mohammed II, conqueror of Constantinople, had been obtained.

Additions to the research collections in the museum of zoology during the year included 1,208 mammals, 1,848 birds, 259 reptiles and amphibians, 650 fish, 6,065 insects and 9,092 miscellaneous specimens.

NEWS PARADE...

THE WAR: Week by Week

The Allies' quarrel with Germany took a back seat last week when Russia invaded Finland. Newspapers, radio, politicians of all continents, dropped the war on the Western Front in favor of the more sensational developments in the Baltic. Everybody condemned the Russian move — that is, everybody but Nazi Germany and George Bernard Shaw, (who said that the Finnish Government was very foolish; it should have known better).

Starting as were the actual facts of the Soviet Union's invasion of its neighbor's territory, even more interesting to the wide-awake public in all lands were the implications in this aggressive move, and the question it raised: Would the Allies declare war on Russia? Would the Scandinavian countries contribute more than moral support to Finland? Would Russia resign from the League of Nations? Did this move on the part of Russia presage joint action between Germany and the Soviet in Scandinavia, in the Balkans? To students of international politics one thing appeared obvious: there was more in the Finnish affair than met the eye. Why otherwise should Russia have risked antagonizing the whole world? Was Stalin playing for enormous stakes, yet undisclosed? Was he consolidating the Soviet position in preparation for a coming war with the rest of civilization? The world will henceforth watch Russia, rather than Germany, to learn the outcome of the present European conflict.

Some intimation of the wide-spread intrigue, plotting, counter-plotting, that is going on under the surface of European politics was given last week in a news despatch from Rome, which hinted that Conservative British circles would be pleased if high-up German "moderates" succeeded in ousting Hitler and Ribbentrop... making Goering the head of a new German government. This story tied up with the kidnapping by the Gestapo of two British agents who were whisked away from an inn on the Belgian border and accused of complicity in the Munich bombing.

The thirteenth week of the war also saw Premier Daladier become virtual dictator of France for the duration... renewed activity on the Western Front, Rhine-Moselle sector... more neutral ships were sunk on the sea... the Admiralty announced that Great Britain had lost 4 per cent. of her total naval tonnage in three months of war.

First Capture A Porcupine

North Country Chef Gives Recipe for "Delicacy", Roast Porcupine

Obie Wile, cook at a mining property in the north country who is famous for his cooking, claims that roast porcupine is a delicacy.

The recipe is passed on for the benefit of the gastronomically inclined connoisseurs of the unusual.

Roll It In Clay
First catch a porcupine. Then, after the due rites of execution and cleaning have been observed, make a large fire. Now secure about 50 pounds of clean clay into which roll the late Mr. Porcupine. The "ball of clay" is then placed on the centre of the fire and left for three hours. When the time has elapsed the clay is very hard and must be split down the centre with an axe. The quills and the hide stick to the clay. The pink meat is ready to eat. Delicious, they say.

Miners say porcupine tastes similar to rattlesnake, which is considered a delicacy in New York.

Took Only Movie Films Of Meteor

Rev. A. W. Bamfield of Toronto has taken what is believed to be the only moving picture in full colors in existence of a meteor flashing across the sky, it was announced at a meeting of the Toronto Amateur Movie Club. Duplicates of the film will be sent to scientists and amateur astronomers all over the world by the David Dunlap Observatory there. The picture was taken by Mr. Bamfield during a fishing trip in Northern British Columbia.

Jungle Ways

Of the big cat family, leopards and jaguars will attack man, but pumas never.

Appreciation Of Farm Life Can Be Taught

Provincial Minister of Agriculture Dewar Commends Women's Institutes' Objective of Building Up a Rural People

Hon. P. M. Dewar, provincial minister of agriculture, endorsed the teaching of appreciation of farm life in an address to the 38th annual convention of the Central Ontario association of Women's Institutes.

"I am glad to note that the central theme of your program continues to be of an educational nature," Mr. Dewar said. "I can think of no better objective than that of building up a rural people, healthy in body and mind, and of instilling in them a fitting perspective and appreciation of country life."

"In order that such an objective may be attained, it is necessary to make life on the farm attractive in every possible manner. Conditions about the farm home must not only be attractive, but farming must be remunerative also. And security on our farms will come only when folk are qualified to fight their own battles and when they have effectively impressed upon people in other occupations the importance of properly for the farmer."

The minister made a plea to the women's organization for aid to rural beautification through weed eradication.

The Book Shelf

"THE SEA TOWER"

by Hugh Walpole

In his new book, "The Sea Tower," Hugh Walpole, one of the greatest masters in English of the psychological novel, brings us a study of strange and violent human relationships, of a mind warped by a single dominating idea. An uncanny sense of fear fills the story. The tenant of the Sea Tower is Christina, a young girl from the teeming streets of London. She has married a man from Cornwall, in London for a three months' visit, and at the end of that time is taken back to the old tower standing by the sea, to meet the mother who has exercised absolute domination over her sons and proposes to brook no interference in her conduct of their lives. Her hate for Christina deepens and spreads until her mind itself is affected by the struggle for power.

Rising, first slowly and then by swift degrees the story comes to a stormy and brilliant climax.

"The Sea Tower" . . . by Hugh Walpole . . . Toronto: Doubleday, Doran and Co., 215 Victoria St. . . \$2.75.

Submarine Escape Device Is Tested By British Sailors



Sailors of the British navy's "pig boat fleet" learn how to use the Davis submarine escape apparatus in special diving tank at a British naval school. The device, similar to the U.S. Momsen lung, will prove a life-saver in case their undersea fighter should be disabled and sent to the bottom.

Slight Decrease Municipal Debt

Gross Total Bonded Indebtedness of Canada's 4,317 Municipalities Dropped in 1937

Gross total bonded indebtedness of the 4,317 municipalities in Canada declined to \$1,337,207,189 in 1937 from \$1,353,124,228 the previous year, according to a report from the Dominion Bureau of Statistics. The net indebtedness was placed at \$1,065,947,020 after deduction of \$271,260,169 for sinking funds.

Where The Money Went
While the gross indebtedness in 1919 was only \$729,000,000, it was explained the large increase in following years was due chiefly to the growing demand for local improvements, the increase in educational facilities, the expansion of public and social services and the municipal charges to provide for unemployment and relief problems.

Including arrears and penalties, total tax receipts from all municipalities during 1937 amounted to \$255,566,004, compared with \$265,305,402 the previous year. Total assessment of taxable real property was placed at \$7,648,427,488.

ONTARIO OUTDOORS

By VIC BAKER

RECORD ARCHERY MEET

The largest bow and arrow field shoot on record was held recently by the Canadian Archery Association in the vicinity of Kleinburg, Ontario, and reported a complete success. So rapidly has the interest in field shooting developed that a committee was formed at Kleinburg to take over the organization and arrangements for future field shoots.

And while we're on the subject of archery it's worth mentioning that just the other day down on the Tellico Plains of Tennessee the lone woman member of a party of eleven hunting wild Russian boars with bow and arrows in the Cherokee National Forest drove a steel-tipped arrow through a 200-pound tusk — the largest to be killed this season.

BAGGED BOARS

Buck Allison, athletic director of Nashville University, also bagged a boar, making but one shot from his bow to kill a 100-pounder. Roger Raymo, president of the Knoxville Archer's Club, drove an arrow into the heart of a 170-pound boar to make the first kill of the three-day hunt. He was barred from further hunting because of the bag limit of one.

Game Warden Earl said Raymo's tusk was almost a perfect specimen of the wild boar brought to the forest in 1914 from the Ural Mountains by British sportsmen.

JACK MINER TAGS 20,000th GOOSE

Jack Miner, internationally famous as the owner of the Jack Miner Bird Sanctuary at Kingsville, Ontario, is the first pioneer bird-bander ever to get a complete record of where a bird was tagged and when and where it was shot. He tagged his first bird, which was a duck, in August 1909 and later received a report that it had been shot in January 1910 at Anderson, South Carolina. This constitutes the first complete bird-banding record.

Research Work In Nature
In 1915 Jack Miner invented a net to catch Canada geese and placed his first band on a goose leg in 1915. Since then he has built his net over 20 or more times to perfect it with the result that up to last spring — over a period of 25 years — he has caught, banded and liberated 20,000 of these largest of waterfowl game-birds.

This research work in the realm of nature cannot be valued in dol-

VOICE of the PRESS

BY DECREE — UNDEMOCRATIC
There is nothing undemocratic about two-year terms for municipal councils, states Hon. Eric W. Cross. Certainly not, but the method of making the change may be. The war urgency does not justify government by decree in Ontario. — For Erie Times-Review.

MORE FARM HORSES

There has been small comfort in recent years for those who sigh for the good old horse and buggy days, but at long last here is a crumb. It is officially reported that there are more horses on Canadian farms this year than last. The total for 1937 is 2,524,340, as compared with 2,520,700 in 1936, an increase of 3,640. — Kingston Whig-Standard.

CLOUD OVER THE HOLIDAYS

Every year safety officials look with apprehension at the approach of December. They call this month the "killing" months of the year. Of all the week-ends in the year, those of Christmas and New Year's are the most sorrowful and tragic because of traffic accidents. These are caused chiefly by persons who are careless, inconsiderate and drunk while driving. — Toronto Star.

Have Tallest Men

Honors for the tallest men in the Canadian Active Service Force are claimed by the 107th Field Battery, R.C.A., with three recruits from Cranbrook, B.C., six feet six, seven and 10 inches tall respectively.

educational standpoint, from the migration routes of these birds as to where they are each season of the year, where they nest, and where they spend the winter is extremely important knowledge, and all records are given to the Department of Natural Resources at Ottawa for safe-keeping.

With the liberation of his 20,000th tagged Canada goose, Jack Miner has set up a record for all conservationists to aim at, to say nothing of the thousands of ducks, robins, and mourning doves he has banded since 1909.

How Russia's Move Into Finland Affected Europe



Westward sweep of Russia into Finland brought repercussions from most of Europe's neutrals. Soviet planes dropped bombs on Helsinki (1) and Hango (2). Red naval forces seized and held Hogland, Lavansaari and Seiskari islands (3), threatened Aland island (4) and from former Estonian islands of Osel and Dago (5) sent out sea and air raiders. Finland (A) has nickel, vital for Russia and Germany. They need high grade iron ore from Northern Sweden (B). Finland, Sweden and Norway (C) are linked in loose treaty of defence. Netherlands (D), Belgium (E) and Switzerland (F) fear attack by Germany while Russia diverts world attention. Italy's (G) position is still further aggravated by Russian move, fearing Soviets' next move will be into the Balkans. Hungary (H) is afraid to antagonize Germany, but still is anti-Russian.

LIFE'S LIKE THAT

By Fred Neher



"Wasn't He Supposed to Salute You, Edgar?"

REG'LAR FELLERS—Inside Information



By GENE BYRNE