

GROWTH OF AIR-CRAFT FIGHTING

PROGRESS SINCE BEGINNING OF THE WAR.

Captain de Berroetta, of French Army, Describes Power Developed By Airplane.

In an interesting communication to the National Geographical Society at Washington, Captain Andre de Berroetta, of the French Aviation Service, now on duty with the French Military Mission to America, traces the development of the airman's duties since the beginning of the world war. A part of Captain de Berroetta's communication is issued by the society as the following bulletin of its war geography series:

"The preparation, conduct and results of an offensive military operation in Europe bear but a faint resemblance to those of a battle at the opening of hostilities.

"There are at the present time three branches of aviation which differ in the duties performed, in the machines used and in the armament provided. These are:

"The Division of Reconnaissance Aviation, a valuable ally of the staff it serves, of the batteries whose flight directs, of the infantry it assists in leading during the battle.

"The Aviation of Combat, younger sister of the first, and the most faithfully ally she has for her protection from the aggressions of hostile airplanes. 'Attack the boche, down him, or compel him to flee,' is its clearly offensive motto.

"The Aviation of Bombardment, hitherto chiefly employed in reprisals for the aerial raids of the enemy, but now called to a much greater and perhaps a decisive role.

Weapon of the Future.
Although essentially distinct, these three branches of aviation can only be effectively employed by the constant co-ordination of their efforts. Let us consider the conditions and influences attending their birth and development and the roles they are to play in the battles of to-morrow.

"When war was declared the chief strength of the French and German armies lay in the masses of their infantry, in the power of their artillery and in the skill of their cavalry. However, it seemed the part of wisdom to put the few hundred airplanes we possessed at the service of the fighting forces, in order to facilitate the success of their undertakings. The offensive strength of both the French and German squadrons was very small in comparison with the millions of combatants ready to clash with each other, supported by the fire of several thousand cannon.

DANGER SEASON IS AT HAND.

Rangers Ask Public to Help Them Keep Fire Out of the Woods.

The danger season for forest fires is near at hand. Rapidly drying soil has left the old grass, brush, leaves, etc., in the most perilous condition for starting fires.

An effort is being made by the fire rangers in this province to keep down the forest losses this year to a minimum. They will succeed only if every camper carefully extinguishes his camp-fire before leaving it, if every smoker refrains from tossing away burnt matches or tobacco in or near a wood, and if settlers in the newly-opened districts guard their land-clearing fires with the utmost care. Settlers' fires continue to be the very worst source of forest conflagration, although campers and careless smokers are close competitors.

"The fire rangers," says the Canadian Forestry Association, "want every good citizen to regard himself as a deputy ranger from now until November first."

"A Canadian forest was never worth so much as to-day, never gave so many jobs as to-day, never put money into circulation as it does this year."

"Hush Hush" Cruisers.

The idea that England is secretly constructing tremendous cruisers, carrying batteries of fifteen-inch guns and travelling much faster than any naval ships now afloat, has become almost an obsession with the German press, whose naval experts recognize that these ships present a problem that cannot be met with submarines. The new British cruisers are termed "hush, hush" cruisers because of the supposed secrecy with which they are being constructed. Captain von Kuhlweiter, a famous German naval authority, believes them to be 866 feet in length and probably more effective naval units than any yet constructed. No doubt the prime cause of interest in their building is the realization that a complete fleet of fast cruisers could annihilate a whole squadron of slow and ponderous German dreadnoughts if the German fleet ever again aspires to the open sea. In the Jutland and other fights such a unit of fast and heavily armed ships might have cut off their retreat. That England is constructing a number of large battle cruisers of a new type is not denied by the admiralty.

Springtime Fashions



This is a very good suit for the small boy. McCall Pattern No. 7608, Boy's Suit. In 4 sizes, 2 to 9 years. Price, 15 cents.



A simple dress, requiring very little material indeed! McCall Pattern No. 8227, Ladies' One-Piece Dress. In 6 sizes, 34 to 44 bust. Price, 20 cents.

These patterns may be obtained from your local McCall dealer, or from the McCall Co., 70 Bond St., Toronto, Dept. W.

Why He Was Solicitous.

Canon Cureton was to preach at the Abbey on a certain saint's day when the boys of Westminster School attended service and afterwards had the rest of the day as a holiday. Mr. Cureton was looking over his sermon when his son asked anxiously, "Father, is your sermon long?" "No, Jimmy, not very." "But how long?" "Well, about twenty minutes, I should say." "But why?" "Because the boys said they would thrash me if you are more than half an hour."

Devise schemes to make the sow take exercise. Keep the sow growing thriftily, but do not fatten.

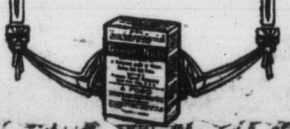


These Days, Eat Grape-Nuts

A Wheat Saver
A Sugar Saver
A Milk Saver

This ready-to-eat food also saves time and fuel.

Ideal for Wartime



PARIS SHELLED BY HUN GUNS.

Church, Dating From Middle Ages, Struck on Good Friday.

There was from the first a mystery regarding the purpose, the military necessity, of the big gun which the Germans have been firing on Paris, the gun which has added "a new page to the fame and history of Krupp," and which was "an achievement of German science and labor," for which the Kaiser has expressed his imperial thanks.

From its position in the forest of St. Gobain, it had intermittently dropped shells into the French capital. But Paris was depopulated of soldiers except the wounded and the invalid after the beginning of the offensive on the western front. The shells had not fallen upon the defences of the city; they had wrecked small buildings in the outskirts or dug holes in the pavements, causing less damage than the usual aerial bombardments.

Persistence and practice that could profit from failure improved the marksmanship of the gunners. Good Friday one of their shells was dropped on a Paris church, demolishing the building, killing seventy-five persons and wounding ninety.

"The shell struck the north side of the church, bringing down part of the roof and opening a breach twelve feet high and twenty feet wide. Nearly all the debris fell inward upon the heads of the worshippers sixty feet below.

"The edifice is now a heartrending sight. The enormous mass of stone, crumbled into all shapes and sizes, lies in the middle of the nave and piled to about the same height as the high altar, which was not damaged. The side aisles are littered with less cumbersome wreckage and the pavement is covered with gray dust. All the stained glass windows, some of which were of historical interest, are shattered. The church, although begun in the Middle Ages, was remodelled in the epoch of the Renaissance. The beauty of its musical services, which were sung unaccompanied, attracted many music lovers."

Another victory that will have a place in the catalogue of Kultur's achievements with the aerial raids on London, the burning of the university and library of Louvain, the bombardment of the Venetian churches and art treasures, the wrecking of Il Sante di Padua, the destruction of the Rheims Cathedral and the sinking of the Lusitania!

FAMOUS MEN WHO LOVED CATS.

And Declared That Their Company Was Conducive to Work.

Had you any idea that some of our greatest men liked to have cats about them, and even declared that they could work better in their company.

Very often George Washington is said to have met visitors with a kitten perched upon his shoulder, and Daniel Webster adopted every stray cat he met.

Old Dr. Johnson rescued half-drowned kittens and took them home to his study, where they were stuffed with good things till they looked like little barrels.

Sir Walter Scott had a warlike cat called Hinc, who lorded it over both dogs and cats. One day she made the author's great staghound weep aloud because she would not let him go up the stairs to his master's study. With her back up she dared him to come on and be scratched.

Dean Swift is the man who had two holes cut in his study door, so that the cats might go in and out as they pleased. He said that the large hole was for the big cats and the small hole for the kittens.

The story is told of Mohammed that being constantly followed by cats, which were attached to him, he one day cut away the sleeve of a handsome robe so that he might not disturb a sleeping cat that had taken refuge there.

BOMB OWN LEGATION.

Germans Ask France to Pay for Damage to Paris Buildings.

During the recent German aerial attack on Paris one of the enemy aviators dropped a bomb which struck and damaged the embassy building of one of the Central Powers. Two days later the caretaker of the building requested the legation of the neutral Power representing the enemy country to present a bill to the French Government for damages done to the building.

France is asked to pay \$900 for destruction by the enemy of his own property.

Silver-Plating Fake.

The street faker finds ready sale for bottles of so-called "liquid silver-plating." To show how beautifully it works he takes a spoon or fork, much worn or perhaps of base metal, and dips it into the solution. Then, taking it out, he wipes it with a rag and lo! it is bright and silvery.

Such solutions are sometimes advertised for "restoring silverware" in the home. Housewives buy them and the first results are pleasing.

Unfortunately, however, the brightness quickly disappears and the "plating" wears off. The stuff is not silver at all, but mercury saltpetre.

Prune and tie up the roses and syringe with tobacco to prevent insect attacks later.

PAINT? NOT A BIT! LIFT YOUR CORNS OR CALLUSES OFF

No humbug! Apply a few drops then just lift them away with fingers.

This new drug is an ether compound discovered by a Cincinnati chemist. It is called

freezone, and can now be obtained in tiny bottles as here shown at very little cost from any drug store. Just ask for freezone. Apply a drop or two directly upon a tender corn or callus and instantly the soreness disappears. Shortly you will find the corn or callus so loose that you can lift it off, root and all, with the fingers.

Not a twinge of pain, soreness or irritation; not even the slightest smarting, either when applying freezone or afterwards.

This drug doesn't eat up the corn or callus, but shrivels them so they loosen and come right off. It is no humbug! It works like a charm. For a few cents you can get rid of every hard corn, soft corn or corn between the toes, as well as painful calluses on bottom of your feet. It never disappoints and never burns, bites or inflames. If your druggist hasn't any freezone yet, tell him to get a little bottle for you from his wholesale house.

HEROES OF THE ROAD

In order to give some recognition to men who have done so much to build up its fine record of efficiency, the Canadian Pacific has decided on a new policy which should attract wide interest. Hitherto on this continent railway locomotives have been identified by numbers only—a practice which has prevailed elsewhere except on certain English railways. For the future it has been decided to name certain of the Canadian Pacific locomotives after the engineers, who by meritorious conduct or by acts of special bravery have, in the opinion of the management, earned the right to special distinction.

Some of these names may even be taken from the 92 engineers who are on the pension list, whose names breathe of long, meritorious, faithful and in some cases markedly distinguished service.

Over two thousand locomotives run in the Canadian Pacific service, with over two thousand engineers. It is not the intention to name every locomotive at once, but only those in passenger service, and to keep each name as a privilege and a reward. The idea is one which should appeal to every man who knows the value of personality in good railroading. It appeals to the C.P.R. because it will make for efficiency and encourage that esprit de corps which is the keynote of the whole Canadian Pacific System.

The engineer does not think of his locomotive merely as a machine. It is something almost human to him. "She's a good engine," you hear one call to a passing conductor, "but full of hard luck." It takes an engineer months to master the peculiarities of a new locomotive, and for that reason he is not much in love with any pooling system, preferring to have one engine at any rate "assigned" to him—an engine that he can almost call his own. Were he to know that his favorite engine would eventually bear his own name, surely he would take greater pride than ever in work well done.

Very Slow.

For two years the most decorous courtship of Sandy and Lisbeth has slowly progressed. One Sabbath night, after a silence of an hour, Lisbeth murmured:

"A penny for your thoughts, Sandy."

"Well," replied Sandy, with boldness, "I was just thinkin' how fine it would be if ye were tae gie me a wee bit kissin'."

"An' what are ye thinkin' about the noo, Sandy—another?"

"Nae, nae, lassie; it's mair serious the noo."

"Is it, laddie?" asked Lisbeth, softly, her heart going pit-a-pat. "An' what might it be?"

"I was just thinkin'," answered Sandy, "that it was about time ye were paying me that penny for my thoughts."

I was cured of Acute Bronchitis by MINARD'S LINIMENT.

I was cured of Facial Neuralgia by MINARD'S LINIMENT.

I was cured of Chronic Rheumatism by MINARD'S LINIMENT.

The man who grows more food adds to the wealth of the world; the man who grows dollars may be adding only to his own wealth.

Minard's Liniment Relieves Neuralgia.

FOR SALE

INDIAN RUNNER DUCK EGGS \$1.50 per setting. Order to-day. L. W. Murray, Harrow, Ont.

MISCELLANEOUS

CANCER, TUMORS, LUMPS, ETC. Internal and external, cured without pain by our home treatment. Write us before too late. Dr. Bellman Medical Co. Limited, Collingwood, Ont.

Diet For The Second Year.

In feeding young children no sudden changes should be made in the diet unless ordered by a physician. New foods should be introduced one at a time, and only a little fed for the first few feedings so that the effect may be watched. During the second year the number of meals should be reduced, if possible, from five to four per day, the last to be given at six o'clock and the baby then put to bed. A healthy child will usually make this change for himself. In the case of delicate infants it is sometimes better to give a small amount of food at more frequent intervals, but the average child does better with fewer and larger meals, giving the stomach time to rest.

During the second year the following foods may be safely introduced: Broths, beef, mutton, and chicken; the milk from oyster stew or creamed vegetable soups with potato bread, toast or crackers; baked potatoes, bits of well shredded meat if there are plenty of teeth; creamed carrots, mashed fine; baked apples, prune pulp, tapioca pudding, the juice from roasts or steak on bread or potato; chopped spinach, and always eggs and plenty of milk.

Never give tea or coffee to any child at any age. They do not need stimulants, and the effect on the nervous system is very bad. The proper drink is milk, or water. A quart of milk a day in addition to solid foods is not too much.

Give plenty of well cooked cereals, rice, oat meal and wheat cereals. The wheat cereals should be cooked in the double boiler at least one hour; the oat meal two hours.

Minard's Liniment Cures Dandruff.

Baking powder biscuit can be made with half flour and half corn meal.

Each year Italy makes more than 27,000 tons of concentrated tomato paste. The shortage of coal now makes this industry most difficult, and besides the Government will requisition about four-fifths of the product. Tin plate is also scarce.

A Dyspepsia Cure

M.D. advises: "Persons who suffer from severe indigestion and constipation can cure themselves by taking fifteen to thirty drops of Extract of Roots after each meal and at bedtime. This remedy is known as Mother's Relief Syrup in the drug trade." Get the genuine, 50c. and \$1.00 Bottles.



Takes out the inflammation—venereal, inflamed cuts, scalds, bruises, burns and suppurating abscesses. Works like magic! Buy a box at dealers, or write us. HIRST REMEDY COMPANY, Hamilton, Canada.

SOLVE THIS PUZZLE

AND WIN A PRIZE
1st Prize, PEKIN Camera
2nd Prize, GRINSTE Camera
3rd Prize, SUNT Camera
4th Prize, DANCY Self-Filling Fountain
5th Prize, BARLEMS PORPES Pens
Watch
Hundreds of Other Prizes

What Was In Johnny's Pocket? Here is a list of the things that were found in Johnny's pocket. What ARE THEY? All you have to do to win one of these splendid prizes is to re-arrange the above letters so that they tell what was in Johnny's pocket, and fulfil one simple condition.

There Are No Entrance Fees Every person sending in a correct solution will be awarded a prize if they fulfil the above simple condition. This need not cost you one cent of your money. All replies will be judged with the utmost care and the prizes will be awarded according to merit. Neatness will be considered so be sure to write plainly. Send your answer NOW to: BELFAST SPECIALTY CO., Dept. X, Drawer 591, St. F., TORONTO

Keep your shoes neat

2 IN 1 SHOE POLISHES LIQUIDS AND PASTES FOR BLACK, WHITE, TAN, DARK BROWN OR OX-BLOOD SHOES PRESERVE THE LEATHER

THEY SELL EVERYWHERE IN CANADA

BENZINE STOVE POLISH.

Its Use Has Led to Many Serious Accidents.

In the last eight years, according to the U.S. Bureau of Standards, there have been in that country more than 400 serious accidents due to the use of benzine stove polish. A number of women have been burned to death.

Many brands of stove polish contain benzine. It has the advantage of causing the polish to dry quickly—a point that strongly recommends it to housewives. The danger is so great, however, that, say the U.S. Government experts, it should be banished.

The directions accompanying a benzine polish usually state that it should not be used on a hot stove. But this warning is likely to be ignored; and even if the stove be cold, there may be danger from an open light in the room—the benzine vaporizing and causing an explosion.

Only fireproof polishes should be used, even though it may take a few minutes longer to do the work.

LEMONS MAKE SKIN WHITE, SOFT, CLEAR

Make this beauty lotion for a few cents and see for yourself.

What girl or woman hasn't heard of lemon juice to remove complexion blemishes; to whiten the skin and to bring out the roses, the freshness and the hidden beauty? But lemon juice alone is acid, therefore irritating, and should be mixed with orchard white this way. Strain through a fine cloth the juice of two fresh lemons into a bottle containing about three ounces of orchard white, then shake well and you have a whole quart of skin and complexion lotion at about the cost one usually pays for a small jar of ordinary cold cream. Be sure to strain the lemon juice so no pulp gets into the bottle, then this lotion will remain pure and fresh for months.

When applied daily to the face, neck, arms and hands it should help to bleach, clear, smoothen and beautify the skin.

Any druggist will supply three ounces of orchard white at very little cost and the grocer has the lemons.

Every boy should realize that, having received untold benefits from the freest and best government on earth, he holds his services in trust for the preservation of Democracy on which that government rests. Although he may have to endure aching limbs and sore muscles in field and factory, he will be happy in the consciousness that he has had a real part in winning the war.

MONEY ORDERS

Dominion Express Money Orders are on sale in five thousand offices throughout Canada.

Add a little cornstarch to salt when filling salt-cellars. This prevents the salt hardening. Only half a teaspoonful of cornstarch to two tablespoonfuls of salt is needed.

Minard's Liniment Cures Burns, Etc.

A teaspoonful of sugar saved every day makes five pounds in a year.



Getting the Most Out of your Team

Make their work easier. They are faithful friends and deserve the best treatment.

MICA AXLE GREASE

"Use half as much as any other"

Lights the load. The mica forms a smooth, hard surface on the spindles and the grease keeps it there. Mica Grease gives the effect of roller bearings and reduces unnecessary strain on your team.

EUREKA HARNESS OIL

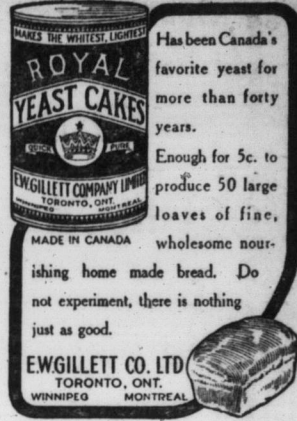
"Lengthens leather life"

Is the best harness life insurance on the market. It overcomes the worst enemies of leather—water and dirt. Leaves your harness soft, pliable and waterproof. A pure mineral oil free from acids and cannot injure the leather.

Sold in standard sized packages by five dealers everywhere.

IMPERIAL OIL LIMITED

BRANCHES IN ALL CITIES



Use a garden line in sowing peas so the rows may be perfectly straight. Crooked rows are annoying to the eye of an accurate person. Peas should have all manured ground and if carefully sown will not need thinning. Plant in double rows, staking tall varieties with brush between the rows as soon as the plants are up.

Minard's Liniment for sale everywhere.

In planning ornamental plantings for home grounds remember that both the picture you see from the home and the picture the passerby sees from the street must be considered.



BEFORE and AFTER Using Cuticura

The first thing to do in restoring dry, thin and falling hair is to get rid of the cause, viz., dandruff, itching and irritation of the scalp. Rub Cuticura Ointment into the scalp skin, especially spots of dandruff and itching. Follow at once with hot Cuticura Soap shampoo if a man, next morning if a woman. Rinse with tepid water. Make Cuticura your every-day toilet preparations.

Sample Each Free by Mail. Address post-card: Cuticura Dept., U.S.A., Sold by dealers throughout the world.



Rheumatic Aches

Drive them out with Sloan's Liniment, the quick-acting, soothing liniment that penetrates without rubbing and relieves the pain. So much cleaner than musky plasters or ointments; it does not stain the skin or clog the pores. Always have a bottle in the house for the aches and pains of rheumatism, gout, lumbago, strains, sprains, stiff joints and all muscle soreness. Generous size bottles at all druggists, 25c., 50c., \$1.00.

Sloan's Liniment KILLS PAIN

Sloan's prices not increased 25c 50c \$1

WOMAN WORKS 15 HOURS A DAY

Marvelous Story of Woman's Change from Weakness to Strength by Taking Druggist's Advice.

Perru, Ind.—"I suffered from a displacement with backache and dragging down pains so badly that at times I could not be on my feet and it did not seem as though I could stand it. I tried different medicines without any benefit and several doctors told me nothing but an operation would do me any good. My druggist told me of Lydia E. Pinkham's Vegetable Compound. I took it with the result that I am now well and strong. I get up in the morning at four o'clock, do my housework, then go to a factory and work all day, come home and get supper and feel good. I don't know how many of my friends I have told what Lydia E. Pinkham's Vegetable Compound has done for me."

—Mrs. ANNA METERIANO, 36 West 10th St., Perru, Ind.

Women who suffer from any such ailments should not fail to try this famous root and herb remedy, Lydia E. Pinkham's Vegetable Compound.