Fill your pipe with

Ogden's CUT PLUG

"It Satisfies"

15¢ per packet

80¢ a ½ lb tin

If you roll your own ask for OGDEN'S FINE CUT (Green label)

Make Effort to Learn Flight Line of Geese.

An interesting experiment with wild Canada geese is being carried out at the Central Experimental Farm, Ottawa, by officers of the Poultry Division of the Department of Agriculture and of the Canadian National Parks Branch of the Department of the Interior. This experiment is carried on to secure valuable information concerning the habits of these birds and it is hoped that it will result in having large flocks of these geese rest on Dow's lake, an expansion of the Rideau canal near the Farm during their migrations north and south next year.

"Jack" Miner, the well known and original investigator of wild goose life, is assisting the Government officials in the experiment. Four wild Canada geese caught on his sanctuary at Kingsville, Ontario, early in May, were wing-clipped and sent to the Central Experimental Farm, and these, together with five goslings raised this year by four captive Canada geese at the Farm, are being used in the experiment. Each of the geese caught by Mr. Miner wears one of his bands. These bands bear a scriptural text and his address, the inscription on one of these reading, " 'The word of the Lord endureth forever,' 1 Peter, 1.25. Write Box 46, Kingsville, Ont." The other bands bear different passages and the address. The birds have also been banded with the official numbered band of the series in use by both the Canadian and United States authorities for marking wild birds.

The goslings, which are now full grown, have been placed with the Miner geese, and the flock makes repeated trips to Dow's lake. With the period for southern migration nearing those interested in the experiment are watching the birds to see whether the younger geese will follow their older companions or will remain at the Farm with their parents. It is hoped they will go south and return in the spring with more of their kind possibly to stop at Dow's lake on their northern journey.

One danger is that these birds may drop in with domestic ducks and geese unsuspecting any danger. If wild geese bearing bands as described join any domestic flocks between Ottawa and the South Atlantic coast, or between Ottawa and the mouth of the Mississippi river (depending upon which route they follow) it is hoped that they will not be killed but allowed to resume their journey. It is desired to learn as much as possible of their travels. If, therefore, persons who hear of any of these birds, or hunters who happen to shoot one, will communicate the particulars to the Commissioner of Canadian National Parks, Ottawa, Canada, their action will be appreciated. If the bird is alive and able to travel the number on the band should be read carefully and the bird released.

TEETHING TROUBLES

Baby's teething time is a time of worry and anxiety to most mothers. The little ones become cross; peevish; their little stomach becomes deranged and constipation and colic sets in. To make the teething period easy on baby the stomach and bowels must be kept sweet and regular. This can be done by the use of Baby's Own Tablets—the ideal laxative for little ones. The Tablets are a sure relief for all the minor ailments of childhood such as constipation, colic, indigestion, colds and simple fevers. They always do good—never harm. The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

The greatest feature in the evolution of human life is perhaps the discovery of the uses of fire and its application to cooking.

Ask for Minard's and take no other.

Insects as Policemen!

The world's most novel police force is probably that which is being trained by a London scientist.

It consists of insects! They are bred and trained in a laboratory at Balham, to fight against and kill other insects which destroy or harm crops.

For instance, caterpillars can be prevented from ruining trees and so on by turning against them hordes of other caterpillars, trained to have cannibal instincts, so that they will fight and eat pests.

The inventor of this aid to farmers and gardeners is Mr. Crabbe. One of his greatest successes is the production of a slug-tiger. This creature, called a testocella, has very sharp jaws, with which it pierces the slugs and eats them.

Almost any kind of insect pest can be fought by other insects, and as time goes on it may be possible to make the process of destruction absolutely natural. That is to say, the insect-killers will breed without any assistance from science.

Russian Horse Hair Best for Violin Bow Strings.

Horses are bred in Russia for the purpose of using their hair for violin bows, according to an interesting article in a recent issue of the Scientific American. The finest bows are constructed with hair from white horses and special ranches are maintained for breeding the horses whose hair is of this color.

The primary sorting of the hair takes place at the ranch, from which it goes to the bleacher, who bleaches the hair with sulphur. It is bound up in hanks of 100 to 150 hairs, and the hanks are then ready for export. One hank usually goes to a bow. On arrival at the bow factory or the repair room of the large dealer the hair is combed out and fixed on the end with shellac.

The hair is straightened out by means of a special comb and fastened into the frog at the lower end of the stick.

Church Built From One Tree.

Santa Rosa, in California, has a Baptist church which seats 200 people, built entirely from one giant redwood which, whilst standing, was 18ft. in diameter.

This giant tree produced 78,000ft. of lumber, besides many thousands of shingles with which the church was roofed. After the building was completed 60,000 shingles were left over.

The tree grew upon a high mountain range fifteen miles from the Pacific coast, and when felled was estimated to be 800 years old. It took several days to cut the tree down and months to saw it up.

But even this tree was a mere infant when compared with some of the giant sequoias of California. One, when felled, was found to have started its growth in A.D. 550.

China, Perhaps.

Dealer—"Don't you want some nice fresh eggs? They're just from the country."

Customer—"What country?"

LARGE STOCK TROJAN ELECtric Washing Machines being sold direct from Toronto warehouse while they last at $88. Regular retail price $165. Write at once. F. B. Proctor, 102 Atlantic Ave., Toronto.

Surnames and Their Origin

FERGUSON

Variation—Farquhar.
Racial Origin—Scottish.
Source—A given name.

The family names Ferguson and Farquhar sound very little alike. Yet they are virtually the same name, originating as given names in ancient Ireland, being brought to Scotland as such, and there, under both English and medieval clerical Latin influences, developing respectively into the foregoing forms of family names.

The name of Fergus figures prominently in the Gaelic myths, legends and history of the pre-Christian era. But the spelling Fearghus is a closer approximation as it was spelled with the old Irish alphabet.

About the period 200 A.D., before Ireland became Christianized, there was a great exodus of expeditions of conquest and colonization from the north of Ireland to Scotland. The Irish clans which settled in Scotland, or Alba, as they called it then, were the progenitors of the present Gaelic portion of the Scottish race, for the most part Highlanders.

This name, which was compounded of two Gaelic words, with a meaning of "manly deed," developed in Scotland into the form Fearschar in many instances, from which the Latinized version Farquhardus was taken, later being shortened into Farquhar.

The addition of the Anglo-Saxon ending "son" to the Celtic name Fergus (a much more common mixture of tongues in Scotland than in Ireland), of course produced the family name of Ferguson.

ARMSTRONG

Variation—Armstrang.
Racial Origin—English.
Source—A nickname.

The family name of Armstrong, of course, is most celebrated and widespread as a result of having been borne for centuries by one of the most influential clans of the Scottish lowlands. But it is by no means borne only by Scots, and it is a product of the English, not the Gaelic tongue.

The name appears to have sprung up independently in many localities, being a sobriquet or nickname of the type denoting a physical characteristic. Such nicknames were quite common in medieval England. Its meaning, of course, is exactly what it seems, "strong arm." One variation of it which virtually has become obsolete and is very rarely met with in the United States is "Strongitharm."

There is no doubt that in the cases of a number of families the name is simply the Anglicized equivalent of the Norman-French "Brazle-fer" or "Bras-defer" ("arm of iron"), adopted at the period when the Anglo-Saxon influence reasserted itself throughout England.

There is a legend that the name of the founder of the Armstrong border clan was named Fairbairn, but that a Scottish king conferred the former name on him for his feat in aiding the monarch to mount his horse, burdened with heavy armor as he was, when his former steed had been killed under him in battle, a legend borne out by the crest, which shows an armored arm, with the hand grasping an armored leg, evidently meant to illustrate the act mentioned.

STOMACH TROUBLE DUE TO THIN BLOOD

It Usually Disappears When the Blood is Made Rich and Red.

Thin blood is one of the most common causes of stomach trouble. It affects the digestion very quickly. The glands that furnish the digestive fluids are diminished in their activity, the stomach muscles are weakened and there is a loss of nerve force. In this state of health nothing will more quickly restore the appetite, digestion and normal nutrition than good, rich, red blood.

Dr. Williams' Pink Pills act directly on the blood, making it rich and red, and this enriched blood strengthens weak nerves, stimulates tired muscles and awakens to normal activity the glands that supply the digestive fluids. This is shown by an improved appetite, and soon the effect of these blood enriching pills is evident throughout the whole system. You find that what you eat does not distress you, and that you are vigorous instead of irritable and listless. If your appetite is fickle, if you have any of the distressing pains and symptoms of indigestion, you should at once take Dr. Williams' Pink Pills and profit by the better condition in which they will put your blood.

These pills are sold by all dealers in medicine, or you can get them by mail at 50 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

The Power of Light.

It has been pointed out that not only the direction and intensity of light but its color must be considered in estimating its power to reveal fine details. Experiment shows that most persons are shortsighted for blue and violet light. When patterns are illuminated alternately with red, green and blue light it is found that for ease of seeing minute details blue and green light are preferable to red for short distances but that at greater distances red light gives the best results.

Truth is personified as feminine; but why, nobody knows.

Sugar From Dahlias.

In the near future the dahlia is likely to become one of the chief sources of the world's sugar supply. The new formula for dahlia sugar has just been completed at the University of Southern California, and it will probably result in thousands of acres being occupied with the cultivation of a tuber which has hitherto been valued only for its flower.

The tuber of the dahlia contains not only a large percentage of sugar, but sugar one and a half times as sweet as cane or beet sugar.

Probably the greatest benefit derived from this new discovery of the commercial value of the dahlia tuber is that the sugar it yields is quite harmless to diabetic patients, and this fact, taken in connection with the recent discovery of insulin, will bring cheer and new hope to thousands of invalids.

Water Gypsy.

Gypsies who love the water love the way
Of ships along a ragged coast at dawn,
Always they want a spar to lean upon,
And freighters steaming down as salty bay.
Gypsies who love the sound that water makes
In coves at nightfall always want to hear
The run of windy waves along a pier,
The sound of foaming water when it breaks.

Gypsies there are who love the way of hills,
Roads that go eastward underneath the moon,
Valleys of daisies and new daffodils,
Roads that go westward in the heat of noon.
But they who love the water always see
Through rifts of moonlight vessels or a quay. —Harold Vinal.

MONEY ORDERS.

It is always safe to send a Dominion Express Money Order. Five dollars costs three cents.

In England and Wales alone there are 40,000 civilian blind people.

Keep Minard's Liniment in the house.

THE PROBLEM OF PACKING

Surely there is some better method than this!

(The question of emigration as a means of relieving congestion in the British Isles and peopling the empty spaces of the overseas Dominions must soon be solved).—From the London Evening News.

Writing by the Mile.

The aggregates of all the things we do in life, such as the steps we take, the words we speak, the beatings of the heart, and so on, grow to huge proportions.

But have you ever asked yourself how many miles you write in the course of a year? Sit down and see how many words you write a minute. If you are a brisk penman you will easily write thirty—a series of twists and twirls that, stretched out into a straight line would cover a distance of sixteen feet or more.

An easy calculation will bring the fairly rapid writer to the conclusion that in forty minutes of continuous writing his pen travels a furlong, and that in five hours he covers a third of a mile with his pen-point.

Supposing that a clerk writes steadily for five hours during 280 days for every one of fifty years, he will at the end of his time have drawn a line on paper nearly four thousand miles long, or much farther than the distance from London to Toronto. An office staff of six men would in the same period put an ink line round the equator.

Night Work.

"When was Rome built?" asked the teacher.

"At night, ma'am," was the surprising reply of one little girl.

"How did you get that idea?"

"Please, ma'am, I've heard my dada say that Rome wasn't built in a day."

Look Younger

Care-worn, nerve-exhausted women need Bitro-Phosphate, a pure organic phosphate dispensed by druggists that New York and Paris physicians prescribe to increase weight and strength and to revive youthful looks and feelings. Price $1 per pkge. Arrow Chemical Co., 25 Front St. East.

INDIGESTION, GAS, STOMACH TROUBLE

"Pape's Diapepsin" is the quickest, surest relief for indigestion, gases, flatulence, heartburn, sourness, or stomach distress caused by acidity. A few tablets give almost immediate stomach relief. Correct your stomach and digestion now for a few cents. Druggists sell millions of packages of Pape's Diapepsin.

Mother! Give Sick Child "California Fig Syrup"

Harmless Laxative for a Bilious, Constipated Baby or Child.

Constipated, bilious, feverish, or sick, colic Babies and Children love to take genuine "California Fig Syrup." No other laxative regulates the tender little bowels so nicely. It sweetens the stomach and starts the liver and bowels acting without griping. Contains no narcotics or soothing drugs. Say "California" to your druggist and avoid counterfeits! Insist upon genuine "California Fig Syrup" which contains directions.

ASPIRIN

Say "Bayer" and Insist!

BAYER

Genuine

Unless you see the name "Bayer" on package or on tablets you are not getting the genuine Bayer product proved safe by millions and prescribed by physicians over twenty-three years for

Colds	Headache
Toothache	Lumbago
Earache	Rheumatism
Neuralgia	Pain, Pain

Accept "Bayer Tablets of Aspirin" only. Each unbroken package contains proper directions. Handy boxes of twelve tablets cost few cents. Druggists also sell bottles of 24 and 100. Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monoaceticacidester of Salicylicacid. While it is well known that Aspirin means Bayer Manufacture, to assist the public against imitations, the Tablets of Bayer Company will be stamped with their general trade mark, the "Bayer Cross."

MURINE

NIGHT & MORNING & KEEP YOUR EYES CLEAN CLEAR AND HEALTHY

WRITE FOR FREE EYE CARE BOOK · MURINE CO. CHICAGO

America's Pioneer Dog Remedies

Book on DOG DISEASES and How to Feed Mailed Free to any Address by the Author. H. CLAY GLOVER CO., Inc. 629 West 24th Street New York, U.S.A.

Got a COLD?

Take a small pan of boiling water and put half a teaspoon of MENTHOLATUM in the hot water, then breathe the steam. It's the best and also the quickest way to get relief.

For sale at all Drug Stores. Write for Free Sample.

THE MENTHOLATUM CO. Bridgeburg, Ont. Box 63

INFLUENZA.

Don't wait till you get the 'flu. Inhale Minard's night and morning. The great preventive.

MINARD'S "KING OF PAIN" LINIMENT

GIRLS! A GLEAMY MASS OF BEAUTIFUL HAIR

35-Cent "Danderine" So Improves Lifeless, Neglected Hair.

An abundance of luxuriant hair full of gloss, gleams and life shortly follows a genuine toning up of neglected scalps with dependable "Danderine."

Falling hair, itching scalp and the dandruff is corrected immediately. Thin, dry, wispy or fading hair is quickly invigorated, taking on new strength, color and youthful beauty. "Danderine" is delightful on the hair; a refreshing, stimulating tonic — not sticky or greasy! Any drugstore.

Face Disfigured With Large Pimples Cuticura Healed

"For some time my face was affected with pimples and skin eruptions, which by times would be very irritating. The pimples were very hard and large, and turned bluish when rubbed or picked, which caused disfigurement.

"I was treated but it did not prove satisfactory. I read an advertisement for Cuticura Soap and Ointment and decided to try them, and after using two cakes of Cuticura Soap and two boxes of Cuticura Ointment I was healed." (Signed) Mrs. Earl Cooke, Box 374, Napanee, Ontario.

Cuticura Soap daily, with Cuticura Ointment occasionally, prevents pimples or other eruptions. They are a pleasure to use, as is also Cuticura Talcum for perfuming the skin.

Sample Each Free by Mail. Address: "Lymans, Limited, 344 St. Paul St. W., Montreal." Sold everywhere. Soap 25c. Ointment 25 and 50c. Talcum 25c. Cuticura Soap shaves without mug.

BEFORE MY BABY CAME

I Was Greatly Benefited by Taking Lydia E. Pinkham's Vegetable Compound

Sydenham, Ont. —"I took your medicine before my baby was born, and it was a great help to me as I was very poorly until I had started to take it. I just felt as though I was tired out all the time and would have weak, faint spells. My nerves would bother me until I could get little rest, night or day. I was told by a friend to take Lydia E. Pinkham's Vegetable Compound, and I only took a few bottles and it helped me wonderfully. I would recommend it to any woman. I am doing what I can to recommend this good medicine. I will lend that little book you sent me to any one I can help. You can with the greatest of pleasure use my name in regard to the Vegetable Compound if it will help others take it."—Mrs. HARVEY MILLIGAN, Sydenham, Ont.

It is remarkable how many cases have been reported similar to this one. Many women are poorly at such times and get into a weakened, run-down condition, when it is essential to the mother, as well as the child, that her strength be kept up.

Lydia E. Pinkham's Vegetable Compound is an excellent tonic for the mother at this time. It is prepared from medicinal roots and herbs, and does not contain any harmful drugs. It may be taken in safety by the nursing mother.