OITERING ON
WAY HOME

the universal anthem
cessful men who started
lads will have to be
next generation if these
Iowa, says a Canadian
will be no sing-songing
offended ears:
s YOUR age, my boy,
in bed till this hour.
the water for the stock
t and then WALK two
"
pumped by electricity
are driven to school

by" does not wear a
on a high seat, but
king team and the bus
heated in winter and
mmer time.
hools have sprung
state within the last
years ago there were
Now there are be-
five hundred. They
tion of all the "little
" of a township into
1 big building with
rs for every grade
ast year High school

consolidated school
of 38 square miles,
no town so the
nt in the centre as
Grounds, building
cluding the laurel
fled gate, cost $70,-
racks" are at the
children who used
rural schools it

descriptive word
hen the weather is
mud is so sticky,
air when it rains
Good soil makes
surface roads in
plentiful. Cen-
for some school

the hearts of the
such a thing as
school." All leave
s and the last
5.20 p.m.
her a motor bus
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$30 a month,
furthest end of
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n if he argues
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E. H. Cun-
the Iowa Farm
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ONTARIO ARCHIVES
TORONTO

Push Boats a French Marine Novelty.

The pushing boat is the latest suggestion in improved means of water transportation. This novel project, the invention of an official of the French mercantile marine, is designed to take the place of a tug and also of the motor portion of a self-propelling barge. It consists of a powerful motor boat, built on the same lines as the barge or cargo boat and shaped in the fore part like a wedge. The cargo boats are to be built with a corresponding stern portion of V shape, into which the stern of the motor boat will roughly fit. When in that position the two—cargo boat and motor boat—have the appearance of one boat, and they move as one. When the cargo boat has been laid alongside the wharf to load or discharge the motor boat backs out and picks up another cargo boat, one motor boat being, it is said, sufficient to keep three cargo boats at work. Herein lies a saving in first cost and in cost of maintenance relatively to boats provided with their own propelling engines.

These "pushers" are to be regarded not as independent boats but as detachable portions of the cargo boats, in which portions the motive power is located. Though seagoing qualities are claimed for these boats, their place would seem to be on the inland waterways.

Bean That Is a Cow.

Cultivation of the soy bean has developed in China to such an extent that it now represents the principal agricultural industry of that country. Immense areas of the great plains of Southern Manchuria are devoted to this crop. The world's demand for soy beans is steadily increasing, and China's export of them bids fair soon to surpass in value that of its silk output. There are more than 1000 varieties of soy beans, from which an experiment station at Kung-chu-ling, in Southern Manchuria, has chosen one as the best of all. It is nearly spherical, yellow in color and of the bigness of a small pea. A yield of 22 per cent. of oil is obtained from it. The soy bean yields milk and butter (or products equivalent for table use), as well as a great variety of other edibles, including a famous sauce. Taken all in all, the five-ounce bean is one of our most versatile vegetables.

Test Your Breathing.

How long can you hold your breath? Two French doctors have been making experiments, and they have discovered that the period during which a normal person can hold his breath is not more than from forty to forty-five seconds in a state of rest and a little longer when lying down.

The most important result of these experiments is the discovery that the capacity of holding the breath is affected by diseases of the air passages or heart. In the case of chronic bronchitis the patient is rarely able to hold his breath for more than twenty seconds; while in cases of lung disease this time is reduced to fifteen seconds.

British Statesmen and Forestry.

Great Britain, having been aroused during the war to the need of adequate timber supplies within the Empire, is determined not to permit things to drop back into the old rut. First she called an Empire forestry conference, at which Canada was represented, and took stock of the situation; next, she entered upon a definite planting programme in the British Isles, calling upon Canada, through the Dominion Forestry Branch, to secure about a ton and a half of tree seed per annum for this purpose; and lastly, to keep up the work and give people information on this most important subject, she has established an Empire Forestry Association with headquarters in London, which will link up the work of Dominion associations, like the Canadian Forestry Association, and, as Lord Lovat expressed it, "pool the resources of their knowledge." It is expected that conventions will be held in different parts of the Empire and that Canada will be one of the first Dominions to be thus honored.

New Forests for Old.

Field work on the Petawawa forest experiment station and the other stations carried on by the Forestry Branch of the Department of the Interior ceased about the middle of December, and the officers have returned to Ottawa to make a record of the work of the field season. Just as the farm experiment stations have aided agriculture by discovering new methods of growing plants and indicating the best varieties, so the forest experiment stations are assisting forestry and lumbering by studying and putting on record the best methods of harvesting the timber crop and also of handling cut-over or burned-over areas in order to get a new crop started containing the best species of trees. The forest is Canada's second most important natural resource and whatever assists in the development and utilization of this great resource is of importance to every Canadian.

Fog in a city is composed of particles too small for chemical analysis, but none the less harmful to the lungs of those breathing them in.

An English firm is building a giant monoplane for transatlantic flight. It is to have a speed of 130 miles an hour, a wing spread of 400 feet and a carrying capacity of 150 passengers. Its proposed time table is London to New York from one noon to the next.

KEEP LITTLE ONES WELL IN WINTER

Winter is a dangerous season for the little ones. The days are so changeable—one day bright, the next cold and stormy, that the mother is afraid to take the children out for the fresh air and exercise they need so much. In consequence they are often cooped up in overheated, badly ventilated rooms and are soon seized with colds or grippe. What is needed to keep the little ones well is Baby's Own Tablets. They will regulate the stomach and bowels and drive out colds, and by their use the baby will be able to get over the winter season in perfect safety. The Tablets are sold by medicine dealers or by mail at 25 cts. a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Pat's Answer.

A motorist who was touring in Ireland one day met a native who was driving a donkey and cart. Thinking he would have a little fun at his expense, he began:

"What is the difference, Pat, between your turnout and mine?"

The native looked at the questioner a minute or so, and then replied:

"Not a great deal. The donkey's in the shafts in the one, and on the seat in the other."

The motorist asked no more conundrums.

MONEY ORDERS.

Send a Dominion Express Money Order. Five Dollars costs three cents.

Sure of It.

Mrs. Jones was entertaining some of her son's little friends. "Willie," she said, addressing a six-year-old, who was enjoying a plate of cold beef, "are you sure you can cut your own meat?"

The child, who was making desperate efforts with his knife and fork, replied:

"Yes, thanks. I've often had it as tough as this at home."

Minard's Liniment for Distemper.

Clever Rescue of Workman Marooned 150 Feet in Air.

While repairing, single-handed, the top of a smokestack, 125 ft. above the roof of a 30-ft.-high building in the plant of the American Bridge Company, Chicago, the workman let drop the line which was his only means of returning to the roof, and thence to the ground. There was no possibility of conveying a line to that height with any appliance in the plant, and so appeal was made for help from the fire department which has a line-throwing gun in appearance exactly like a military rifle, for use in such an emergency. Several futile attempts were made to fire the line within reach of the marooned workman, and finally this method of rescue had to be abandoned. Fortunately, as the stack had not been in use, it was cold, and finally a fellow workman climbed from the level of the roof up the first 30 ft. of the inside of the stack, to which height it was lined with asbestos. On a 3-in. steel ring, on the top of the asbestos, the rescuer stood, with his legs astride the stack. In the meantime some long, light wooden scantlings, that had been cut and drilled for templates, as used in all structural work, were obtained and passed up to him. He pushed upward, first one of these scantlings, to the top of which a line was made fast, and to the bottom of that scantling he attached, with the aid of the holes, another, and so on, scantling after scantling, until the top one came within reach of the stranded workman. This did not happen until the poor fellow had spent four hours in his perilous position, 150 ft. above ground, in the frosty December atmosphere. Once he grasped the end of the line, it was a matter of only a few minutes before he had hitched it to the top of the stack, and slid down to safety.

Johnny Spills the Beans.

Johnny was entertaining his sister's caller and said, "Helen told ma yesterday you were a born politician."

"Indeed!" said the young man, pleased as he could be. "Why does she think that?"

"That's just what ma wanted to know, and Helen said it's because you can do so much talking without committing yourself."

Surnames and Their Origin

ARBUCKLE

Variations—Buckler, Bucksmith.
Racial Origin—English
Source—An occupation.

Theoretically, it would be possible to build up a good argument connecting the family name of Arbuckle with the contrivance known as a buckle, and assume that the first Arbuckles, or Bucklers, were makers of these contrivances.

A study of those historical lists in which so many of the names of the middle ages have been preserved (both those which already had become hereditary and those which were still merely descriptive) shows that this view would be in error.

True, one who made or sold buckles might naturally have been called a "buckler." But for the most part he wasn't. The records show that it was the maker of "bucklers" who was called first a "buclerer," shortened later into "bucler" or "bokeler." "Buckler is a word almost obsolete to-day. It meant a shield.

It has been shown in preceding articles how just the 'ar' of "arrow" is contained in the name of Arsmith. The same is the case in Arbuckle. The "arbucler" made a certain type of shield designed to ward off arrows, and in the course of time the name has become shortened from "Arbuckler" to "Arbuckle." "Bucksmith" was "buclersmith."

BLYTHE

Racial Origin—English.
Source—A personal characteristic.

This family name is also found in the older forms of Blythman and Blithman. And its meaning really is what you might hesitate to suspect, "cheerful" or "happy."

It belongs to that classification of family names which were originally descriptive of some personal characteristic, in this case a characteristic of temperament.

Some people find it difficult to see how such apparently "silly" nicknames were so common or so well thought of that they later developed into regular family names The fact remains, however, that they did No less a personage than Joan, sister of King Henry VIII. of England, when she became betrothed to the Scottish monarch, thereby ending war between the two countries, was named "Joan Make-Peace" by the Scots, and the old records are full of such descriptive surnames as "Goode," "Merry," "Gay," "Blythe," "Make-Bliss" and the like. In an old Wardrobe Account there appears "1297, December 26. To Maud Make-Joy, for dancing before Edward, Prince of Wales, at Ipswich, two shillings."

The Norman tendency with such descriptive surnames as this was to use the definite article, "le," with them. But as the Saxon element began again to gain dominance in English speech the article came to be dispensed with more often than not.

You wouldn't put on hobbles to run a foot race

Then why load up on handicaps for the day's work?

A good deal of food, unwisely chosen, does weigh the body down and clog the digestion, and dull the brain.

Why put on the hobbles?

Grape-Nuts is a breakfast or lunch-time dish for those who want food efficiency, and mind and body efficiency.

Grape-Nuts satisfies and nourishes. It delights the taste. It is ready to serve whenever you are ready to eat. And it digests easily, quickly and completely—leaving no handicap of heaviness and drowsiness.

Grape-Nuts is the food for health and action.

"There's a Reason"

Made by Canadian Postum Cereal Co., Ltd., Windsor, Ont.

Sold by good grocers everywhere!

$25.00 FOR A LETTER

CAN YOU WRITE ONE?

Thirteen Prizes to be Awarded In a Letter Writing Competition.

Some years ago the Dr. Williams' Medicine Co., of Brockville, Ont., offered a series of prizes to residents of the Province of Ontario for the best letters describing the benefits derived from the use of Dr. Williams' Pink Pills, either in the case of the writer of the letter, or some member of the writer's family. Hundreds of letters were submitted in this competition, and yet there must have been thousands of other users of the pills who did not avail themselves of the opportunity to win a prize. To all these another letter writing competition is offered. There are thousands who have experienced great benefit from the use of Dr. Williams' Pink Pills, whose cases have never been reported. These will furnish the material for the letters to be written in this contest. There is no demand upon the imagination; every letter must deal with facts and facts only.

The Prizes.

The Dr. Williams' Medicine Co., of Brockville, Ont., will award a prize of $25.00 for the best letter received on or before the 15th day of February, 1922, from residents of the Province of Ontario on the subject: "Why I Recommend Dr. Williams' Pink Pills." A prize of $10.00 will be awarded for the second best letter received; a prize of $5.00 for the third best letter and ten prizes of $2.00 each for the next best ten letters.

The Conditions.

If you are describing the benefits you have derived in your own case, or that of some other member of your family, the symptoms of the illness should be fully described, and the letter signed with the full name and correct post office address of the person sending it in. If the case relates to some person other than the writer of the letter, it must also be signed by the person whose case is described, as a guarantee of the truth of the statements made.

The writer of each letter must give the name and date of the paper in which he or she saw this announcement.

Fine writing will not win a prize unless you have a good case to describe. The strength of the recommendation and not the style of the letter will be the basis of the award.

It is understood that The Dr. Williams' Medicine Co. shall have the right to publish any letter entered in this contest, if they desire to do so, whether it wins a prize or not.

This contest will close on February 15, 1922, and the prizes will be awarded as soon as possible thereafter. Do not delay. Write your letter now. Observe the above conditions carefully or your letter may be thrown out.

Address all letters as follows:

The Dr. Williams' Medicine Co.,
Brockville, Ont.
Letter Contest Department.

Gigantic Armored Mammal of Past Ages.

Surely the strangest mammal that ever lived was the "glyptodon," which carried its house with it, being encased in a mighty shell somewhat resembling that of a turtle but far more massive. The carapace, furthermore, was almost dome-shaped, and all parts of the creature's body, including even the tail, were heavily armored.

This remarkable animal seems to have been exclusively American, and until recently none of its fossil remains has been discovered north of the Rio Grande, barring a few fragments of bones. A big one was dug up recently, however, not far from Tucson, Ariz., by Dr. Gidley, a palaeontologist of the United States National Museum. It is a complete skeleton, representing a specimen which in life must have weighed about half a ton.

The glyptodon was so sluggish that a mile a month must have been just about its best racing speed. It fed on herbage, presumably, and possessing no weapon of defense, would have been easy prey for carnivorous enemies if its armor had not afforded adequate protection. When attacked it had only to withdraw its head, which was covered by a heavy bony sheath, and to retract its legs beneath the shell, in order to become invulnerable. The assailant might as well tackle a boulder.

The specimen found in Arizona probably lived not less than 1,000,000 years ago. Its tribe (contemporary with the megatherium or giant sloth) has no descendants to-day, but is represented in a way by the modern armadillo, which is likewise an armored mammal and one of the curiosities of nature.

Might Have Been Worse.

An Irishman named Pat (uncommon name, that) was making a wood pigstye, when he missed a nail and hit his thumb, breaking it.

After having it wrapped up he met one of his friends, who naturally asked him what he had been doing.

"Sure," said Pat, "I hit me thumb with a hammer. It's bad now, but I'd had no thumb left at all if I'd been striking with both hands."

Health is a jewel, the most wonderful beautifier known to man. Guard it, wear it, love it, because without it, life itself is the dreariest, cruelest gift you own.

The Floor Held.

"Did your watch stop when it dropped on the floor?" asked one man of his friend.

"Sure," was the reply. "Did you think it would go through?"

The Only Time.

"What is a honeymoon, pa?"

"A honeymoon, my son, is that time in a man's life when his wife is really supplied with all she wants to wear."

The Young Genius.

Mother—"Willie, how is it that no matter how quiet and peaceful things are, as soon as you appear on the scene trouble begins?"

Willie—" I guess it's just a gift, mother."

Must be Dr. Cupid.

"I don't like your heart action," said the doctor, applying his stethoscope.

"You've had some trouble with angina pectoris, haven't you?"

"You're partly right, doc," answered the young man, sheepishly. "Only that ain't her name."

Corrected.

"James, have you whispered to-day without permission?"

"Only Wunst."

"Larry; should James have said wunst?"

"No'm; he should have said twice."

At the Laundry.

Laundryman—"I'm sorry, but one of your shirts is lost."

Customer—"But I paid for having it laundered."

Laundryman—"That's all right. We did it up before we lost it."

Truth Will Out

Ethel (to her dearest friend—"I put my foot in it so dreadfully when Edwin proposed. I meant to say, 'This is so sudden!' you know, but I was so flustered that instead I exclaimed, 'At last.' "

Always Supplied.

The son of a well-known physician loves to "play doctor."

The little fellow makes the rounds of neighboring houses, inquiring as to the health of the inmates. Usually he has with him an assortment of dolls—his "patients" in lieu of larger ones.

Recently he called at a home and asked, "Anybody sick here?"

He was answered in the negative.

"Oh, well," he said with professional nonchalance, producing two of his dolls, "guess I'll leave a couple of babies, anyway!"

"Cascarets" To-night for Liver, Bowels

You're bilious! You are headachy, constipated, your eyes burn, skin is yellow; your stomach is sour, gassy, upset. No wonder you feel miserable. You need a thorough physic with "Cascarets" to-night to cleanse the stomach of sour, fermenting food and foul gases; take the excess bile from the liver and carry out of the system all the constipated poison in the bowels. Get a 10-cent box now and let "Cascarets" straighten you out by morning.

Plain Facts for Stomach Sufferers

Digested food makes us strong, vigorous, healthy. Dyspeptics are invariably weak and ailing. All they need to make them strong and well is the power to digest food, and that is just what Mother Seigel's Syrup gives. It helps the stomach, liver and bowels to do their work efficiently. Sold in 50c. and $1.00 bottles in drug stores.

8-921

Heredity.

Our apish forebears clung to trees,
In times far antedating these—
In sleep would cling with hands and toes,
They wore no high heeled pumps nor hose—
So Darwin says—I guess he knows.

If they had lost their hold, you see,
And toppled down from out their tree,
Wild animals were all around
To grab them when they hit the ground,
With teeth all primed and set to gnash
Through outlet, steak or fresh ape hash—
Careers were ended with a crash!

But those who wakened with a start
Did not become Ape a la carte,
They locked their toes in tighter hold—
The fit survivors, we are told,
Lived to become both gray and old.

We dream of falling, while in bed;
We waken with a start instead.
The instinct that our forebears knew
Is handed down to me and you.
We might have missed the whole Big Show
If Grandpa, Ape, so long ago,
Had not waked just in time, you know.

—Violet McDougal.

Minard's Liniment for Garget in Cows.

A short temper and a long head rarely go together.

Every discord may be regarded as a part of the great endeavor to adjust one's self to the beauty of the universe.

ACHES AND PAINS—SLOAN'S GETS 'EM!

AVOID the misery of racking pain. Have a bottle of Sloan's Liniment *handy* and apply when you first feel the ache or pain.

It quickly eases the pain and sends a feeling of warmth through the aching part. *Sloan's Liniment penetrates without rubbing.*

Fine, too, for rheumatism, neuralgia, sciatica, sprains and strains, stiff joints, lame back and sore muscles.

For forty years pain's enemy. Ask your neighbor.

At all druggists—35c, 70c, $1.40. Made in Canada.

Sloan's Liniment (Pain's enemy)

Mother! Open Child's Bowels With California Fig Syrup

Your little one will love the "fruity" taste of "California Fig Syrup" even if constipated, bilious, irritable, feverish, or full of cold. A teaspoonful never fails to cleanse the liver and bowels. In a few hours you can see for yourself how thoroughly it works all the sour bile, and undigested food out of the bowels and you have a well, playful child again.

Millions of mothers keep "California Fig Syrup" handy. They know a teaspoonful to-day saves a sick child tomorrow. Ask your druggist for genuine "California Fig Syrup" which has directions for babies and children of all ages printed on bottle. Mother! You must say "California" or you may get an imitation fig syrup.

COARSE SALT
LAND SALT
Bulk Carlots
TORONTO SALT WORKS
C. J. CLIFF - TORONTO

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.
118 West 31st Street
New York, U.S.A.

Genuine
BAYER
Aspirin
Bayer Tablets Aspirin
The Bayer Company Windsor, Ont.

ASPIRIN

WARNING! Say "Bayer" when you buy Aspirin. Unless you see the name "Bayer" on tablets, you are not getting Aspirin at all. Why take chances?

Accept only an "unbroken package" of "Bayer Tablets of Aspirin," which contains directions and dose worked out by physicians during 22 years and proved safe by millions for

Colds	Headache	Rheumatism
Toothache	Neuralgia	Neuritis
Earache	Lumbago	Pain, Pain

Handy "Bayer" boxes of 12 tablets—Also bottles of 24 and 100—Druggists.

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."

PATRICK J. HALEY,
Syracuse, N.Y.

"I'm feeling like a new man since Tanlac soothed and toned up my stomach and for the first time in forty years can eat a hearty meal and suffer no distress afterwards," was the remarkable statement of Patrick J. Haley, 107 Prospect Ave., Syracuse, N.Y., a well-known iron and steel worker.

"Only those who have had stomach trouble in a bad form can know what I suffered during all those years. I was almost a nervous wreck, too, and for years I didn't know what it was to get a good sound sleep at night.

"I got new life and energy from each dose of Tanlac and now I'm a well and happy man instead of a sick and miserable one, as I was for so many years. I'll vouch for the merit of Tanlac at any time."

Tanlac is sold by leading druggists everywhere. Advt.

Classified Advertisements.

CANADIAN MATRIMONIAL PAPER, 25c. No other fee. A. McCreery, Chatham, Ont.

BELTING FOR SALE

ALL KINDS OF NEW AND USED belting, pulleys, saws, cable, hose, packing, etc., shipped subject to approval at lowest prices in Canada. YORK BELTING CO., 115 YORK STREET, TORONTO.

One of the best known guides in Nova Scotia gives this testimonial of MINARD'S LINIMENT:

Have used Minard's Liniment in my home, hunting and lumber camps for years, and consider it the best white liniment on the market. I find that it gives quick relief to minor ailments, such as sprains, bruises and all kinds of wounds. Also it is a great remedy for coughs, colds, etc. which one is liable to catch when log driving and cruising during the winter and spring months. I would not be without MINARD'S LINIMENT and cannot recommend it too highly.

(Signed) Ellison Gray.

THIN, FLAT HAIR
GROWS LONG, THICK
AND ABUNDANT

"Danderine" costs only 35 cents a bottle. One application ends all dandruff, stops itching and falling hair, and, in a few moments, you have doubled the beauty of your hair. It will appear a mass, so soft, lustrous, and easy to do up. But what will please you most will be after a few weeks use, when you see new hair—fine and downy at first—yes—but really new hair growing all over the scalp. "Danderine" is to the hair what fresh showers of rain and sunshine are to vegetation. It goes right to the roots, invigorates and strengthens them. This delightful, stimulating tonic helps thin, lifeless, faded hair to grow long, thick, heavy and luxuriant.

Cuticura

Talcum

Is so soothing and cooling for baby's tender skin after a bath with Cuticura Soap.

Soap 25c. Ointment 25 and 50c. Talcum 25c. Sold throughout the world. Canadian Depot: Lymans, Limited, 344 St. Paul St., W., Montreal. Cuticura Soap shaves without mug.

1981IE No. 4-'22.