

SCIENTIFIC ODDS AND ENDS.

Grain inspectors must know the exact amount of moisture in specimens submitted and a machine has been made to determine this in a 30-minute test.

The field of the farm tractor is constantly extending. A circular saw is now rigged up to it revolving horizontally and a large tree is cut down in a few minutes.

The United States leads the world in electric steel furnaces, having over 300 at the present time. This country produces more than any other country.

The distribution of photographic records will be a notable feature of the coming presidential canvass in the United States. To a great extent they will take the place of "stump speakers."

The varying level of the Mississippi which has long been a handicap to the maritime development of New Orleans, is about to be overcome by a fixed level ship canal and harbor.

Damage done to farm machinery through exposure amounts to \$1,000,000 annually according to an estimate made by experts at the Agricultural College of the University of Wisconsin.

An electrical lamp has been developed in Europe which virtually consists of a metallic arc inside of a sealed bulb containing attenuated helium and neon gases. The wire anode terminates so closely to the edge of the hemispherical iron cathode that the current is discharged across the gap spontaneously. The rays have an orange hue and are only slightly actinic, making the lamp useful in photographic dark rooms. It is also recommended for use in mines and other places where inflammable gases may be present, because breaking of the bulb instantly extinguishes the light.

Minard's Liniment Cures Burns, Etc.

THE CHICKADEE.

(London Advertiser.)

Piped a tiny voice near by, Gay and polite, a cheerful cry, "Chick-chickadee!" Saucy note, Out of sound heart and merry throat.

As if it said, "Good-day, good sir!" "Fine afternoon, old passenger!" Happy to meet you in these places, Where February brings few faces!" Introducing himself by singing to all the world his cheery little name the chickadee is one of the most winsome of winter birds. Friendly, fearless, interested, he can be won very easily to the intimacy of the window board, and the shy acceptance of food from the hand or even at times from the lips. Not the least wonder he is so loved and sought. Frank W. Chapman says: "In addition to the calls which have given him his name, he utters also a clear, high whistle of two or three notes. It is so musical, so sad and plaintive, so filled with tender sentiment, that it is difficult to believe such a matter-of-fact fellow as the chickadee seems to be can be its author. When, on a winter's morning, I heard it floating through the woods, as a boy, I used to fancy that perhaps it was Jack Frost, with an icicle for a flute."

The inquisitiveness of the chickadee asserts itself when he answers one's whistle, and by degrees comes closer to investigate his human friend. C. Middleton, of the Ridgeway, London, whose lawn is surrounded by evergreens, has among his bird friends twelve chickadees. These have become such chums that the east whistle brings them to feed from his little boxes of food that Mr. Middleton invariably carries in his pockets for just such hungry little feathered folk. The winning of a wild bird's confidence is perhaps a special privilege given to certain people, but to happy are the results of training that the chickadee watch familiar loorways for food from sometimes a stranger, and to know the magic such of tiny, clinging feet on one's hand is to feel oneself in league with the fairies and wool sprites. Then o note the wondrous of the pale buff breast, the glossy black crown and brilliant dash of glowing black immem-

NURSES ADVISE

Zam-Buk, because they have proved that it does what is claimed for it. Miss E. L. Dorey, graduate nurse, 3220 Michigan Ave., Chicago, says: "I have a patient who suffered terribly with piles. Zam-Buk is the only remedy that gave her relief."

"I have used Zam-Buk myself for the same ailment, also for sores and burns, and have the greatest confidence in it."

Zam-Buk

diately beneath the bill, to study the folded wings edged with the frailest tint of down, is to gaze into the Great Heart of the woodland world. Careless of the cold, contagiously cheerful, irresistibly winsome in his attempts to sing his optimism into the heart, the chickadee is worth cultivating as a sunny little friend for a wintry day.

PREPAREDNESS.

(London Tit-Bits.) Green—"What on earth do you want with that sheet of postage-stamps? Why, you've got a hundred there!" Grey—"Well, you see, I've just completed a poem and I may send it to more than one editor."

A COMPLIMENT.

"You used to pay me many pretty compliments before we were married," said Mrs. Dibbs, with a pout. "You women are certainly hard to please," growled Mr. Dibbs. "Didn't I just now tell you these pork chops were done to a turn?"

Minard's Liniment for sale everywhere

ASBESTOS.

Something About a Canadian Product.

Although Canada is the great producer and exporter of asbestos, that article, which is yearly coming into wider use, is found in many parts of the United States. There are deposits in Maryland and Virginia within a few miles of Washington, and many of the deposits of this country are worked on a commercial scale. Despite this, however, the American industries dependent on asbestos rely on the Canadian mines or the Canadian quarries for their supply.

Asbestos is a curious substance that has been known for many centuries. Many of the peoples of ancient times used it, and it was sometimes wrought into soft and flexible cloth, which was used as a shroud for the dead. There are many varieties, and a large number of common and descriptive names have been applied to these varieties. Ligniform asbestos, popularly called "mountain wood," is a variety presenting irregular, filamentous structure like wood. Other varieties are popularly called rock cork, mountain leather, fossil paper and fossil flax.

Asbestos in modern times has come to be very extensively manufactured into incombustible cloth, gloves, felt, paper and other articles of common use, and is much used as a covering to steam boilers and pipes, in the manufacture of gas stoves, and mixed with metal pigments, it is employed as a paint for wooden structures, roofs, partitions and the like to render them fireproof or fire-resistant.

It is found in most parts of the world, chiefly in connection with turpentine. Scientifically, it is described as a highly useful mineral, a fibrous variety of several members of the horn blend family, composed of separable filaments, with a silky lustre, the fibres sometimes being delicate, flexible and elastic and at other times stiff and brittle.

Does It Hurt You to Bend Over?

This is a Sign of Kidney Weakness, But Can be Quickly Cured

Don't give up! You can be cured and made well again. That backache and dragging weariness can be stopped for all time.

Those sharp attacks when bending over, and that lameness in the morning can be overcome. Each ache and pain due to kidney weakness will disappear quickly once you start to use Dr. Hamilton's Pills, a marvellous remedy long ago made famous by its strange healing effect upon the kidneys and liver.

Don't wait till that dragging pain in the loins grows worse. Start the cure to-day. Delay will mean swelled ankles and limbs, sharp rheumatic pains in the muscles and joints, and other painful symptoms as well.

If you are always tired, have continuous headache, dizzy spells and specks before your eyes or ringing noises in the ears—these are common symptoms that warn you of the immediate need of Dr. Hamilton's Pills of Mandrake and Butternut. Sold in 25c boxes.

DISEASES OF WATCHES.

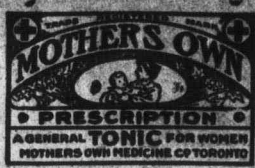
To most people the whims and caprices of a watch are a deep mystery. The many parts of the time-piece apparently enter into a conspiracy to the end that the owner may miss trains, ferries and business appointments.

When a fairly good watch leaves the hands of a reputable watchmaker it is always in first-class condition, and if it does not behave itself afterward it is generally the fault of the man or woman who owns it.

One very common cause of the watch gaining or losing is the disposition made of it at night. If you wear a watch next to your body during the day and place it on a cold surface, as a marble mantelpiece, at night or anywhere in a cold room, the watch is sure either to gain or lose. Cold causes contraction of the metals used in the construction of the watch, and the watch consequently gains.

When the heat of the body causes the parts to expand the pivots and bearings will tighten up and the watch will lose time. Thus your watch is slow when you retire and fast when you get up. It will vary according to the temperature in which it is running. An expensive watch which has a compensating balance, is of course, not affected by changes of temperature. Some metals expand in cold and others contract, and the compensating balance is made of both kinds of metals, so that the contraction of one may balance the expansion of the other.

Everybody knows that the proximity of a dynamo will magnetize the steel parts of a watch and ruin it for



IF YOU HAVE A FRIEND IN ILL HEALTH

Pass this general female tonic along, they will be grateful. A general tonic for women, growing womanhood, child-bearing, change of life, etc. Sold at all Druggists or sent direct in plain wrapper on receipt of price, \$1.00 per box.

AN IDEAL LIFE.

Tiny Bay Island, Utiila, Laysan Man's Paradise.

Life in the Isle of Utiila is described in "The Oregonian" as an existence of unbroken ease. There are no worries or ceaseless struggles for your daily outtakes. Nature takes care of all that. Utiila's place on the map would be hard to find, but it's worth discovering. Away off in a southern sea, never heard from before and but little known it comes to the knowledge of the Pan-American union that here have Americans found a home that others enjoy when they are dead.

"We call it a lazy man's paradise," says the message from this land of delight, "not that the inhabitants are necessarily indolent, but simply because a large amount of labor is superfluous. Nature provides for nearly all our wants here as in most tropical countries. Farming is our principal occupation, yet there is not a plow on the island. Frost is unknown and extreme heat is never experienced. Ninety degrees in the shade would be an unusually high temperature. Our grade schools are of high standard, attendance being compulsory 10 months in the year. American textbooks exclusively are used and social life could not be distinguished from that of the United States.

Utiila is one of the Bay Islands, a string of six verdant keys in the Bay of Honduras, an arm of the Caribbean sea, which were discovered by Columbus in 1502. They were then thickly populated by native Indians who became slaves. The islands now are inhabited wholly by English-speaking people.



Early spring brings with it COUGHS, COLDS, DISTEMPER. Be prepared. Give your horse

Spohn's Distemper Compound

at the first sign of a cough. Better still, give it as a preventive before he shows signs of sickness. "SPOHN'S" acts equally well as preventive or cure. By reason of its medicinal properties, it cures coughs, croup, whooping cough, fever, restores appetite, and condition. Sold by druggists. SPOHN MEDICAL COMPANY, Goshen, Ind., U.S.A.

catching in the hairspring stud or in the regulating pins. The cause is generally a sudden jump or quick movement such as boarding a car, etc. A jolt is given to the balance wheel and hairspring, and this renders the catching possible. The jolt must come at a particular fraction of a second during the revolution of the balance wheel, otherwise the spring would not catch.

Watch should be oiled every eighteen months, because no oil is made which will not dry up in that time. A watch will sometimes run a number of years without oiling, but the wear and tear on a watch in which the oil is dried up is much greater than when it is regularly and properly oiled. Never attempt to oil your watch. Let a watchmaker attend to it.

In examining a watch brought in to be repaired the watchmaker nearly all follow the same course. First they examine the hands to see if they are caught, then they take out the balance wheel, look at the pivots and the ruby pin. Next they let down the mainspring and examine the wheels. The last part they examine is the escapement, which is almost always in good order. Sometimes a watchmaker will puzzle for days over an irregular watch. One of the most perplexing faults to find is a little rattle on the tooth of a wheel. This rarely happens, but when it does it causes a good deal of trouble.

Women and watches do not agree. In proportion to the number sold there are twice as many watches repaired for women as for men. Women rarely wind a watch up regularly. A watch should always be wound every morning, so that the spring shall be at its strongest tension during the day, when the watch will be jolted more or less. At night the weak spring has nothing to disturb it.

Welsh steam coal has advanced to the record price of £8 18s a ton.

In 1852 settlers on the island petitioned the governor of Belize to administer them as a British colony. This was done until 1860 when the island was ceded to Honduras. "The change somewhat discouraged the people at first," says the letter, "but they soon learned that the laws of Honduras were equally just and allowed all the privileges in the pursuit of life and happiness enjoyed under British rule. The administration of the present governor, R. Barahona Mejias, whose headquarters are at Roton, the capital, is giving general satisfaction."—New York Times.

Minard's Liniment Relieves Neuralgia DRIVES THEM INSANE.

Dr. Arlington, headmaster of Eton, recently told a meeting that the experiment of letting boys at the college write with the left hand to develop the right side of the brain was hurriedly discontinued when an eminent scientist stated that if they developed both sides of the brain at once they became idiots.

Sir James Crichton-Browne, the famous mental specialist, has given his views on this statement as follows: "Dr. Arlington has acted wisely in putting a stop to a foolish experiment at Eton which would never have been sanctioned by any one with a little sound physiological knowledge."

"The order to use the left hand equally with the right, has, I believe, been all but universally evaded. Had it been observed only mischief would have been done."

"Dexterity is deeply imbedded in the brain—the Palaeolithic flint workers were right handed, and it is not to be shifted by a few school exercises. "Ambidextral culture, useful per-

haps in respect to some few special movements in some specialty employed persons, must on the large scale end in confusion.

"Lord Lister, the great surgeon, while a student, realizing that ambidexterity would be useful in his calling, diligently practiced it, but ultimately gave it up, as he found he was losing in the right hand more than he was gaining in the left.

"Ambidexterity is common in idiots. The hand centre in the brain is linked up with that of articulate speech, and it is with the right hand paralysis that speech is lost in a right-handed man and with left hand paralysis in one that is left-handed."

WHEN BABY IS CROSS

Mothers, when your baby is cross—when he cries a great deal and no amount of attention or petting cheers him—something is the matter. It is not the nature of little ones to be cross and peevish—the well child is a happy child. Give him a dose of Baby's Own Tablets and he will soon be well again. The Tablets are a mild but thorough laxative which regulate the bowels and stomach; banish constipation and indigestion; break up colds and simple fevers and relieve the other minor ills of little ones. Concerning them Mrs. Oscar Bedard Ste. Sophie, Que., writes: "Baby's Own Tablets are an excellent remedy for constipation. They relieved my little one when nothing else would and I can strongly recommend them to all mothers." The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Saving Germany to Save Europe.

(New York Sun.)

As important to all Europe as to Germany, in the world sense even more important is the British determination, related by one of our London staff correspondents, to scrap the treaty's indemnity clause. No one need think that the British are unduly tender for anything or anybody German. If nothing else were at stake Great Britain might be content to let the race which brought upon the world unspeakable butchery and immeasurable destitution stew in its own juice. But however cold the British heart might be to the present misery of the Germans, the British head knows that the great Teutonic nation go down to irreparable ruin without dragging down France, Italy and Belgium, perhaps even Britain.

British common sense knows that blood cannot be squeezed out of a stone. But that is not the only question. British economic sense knows that France and other financial wrecks on the Continent can be saved only by saving Germany, the greatest worker of them all and capable, if there is a living chance, of being the greatest producer of them all.

If the peace terms permit Germany to produce and out of that production to accumulate a surplus in excess of what the workers need to feed and clothe themselves and otherwise to lift themselves out of their industrial mire. Germany can contribute by exactly that quantity of surplus production to the restoration of dismantled industries, crippled businesses and weakened energies of the Continental Allies. Germany, under such conditions, can be as well their bulwark against Red Bolshevism in Russia and Anarchism on any of her own borders. Germany thus can be made to protect and nourish those she has wronged and mutilated.

But if Germany is stripped of the tools with which to work, of the material with which to produce, of the means with which to distribute pro-

Keep Your Health TO-NIGHT TRY

Minard's Liniment

for that Cold and Tired Feeling, Get Well, Keep Well, Kill Spanish Flu, by using the OLD RELIABLE. MINARD'S LINIMENT CO., Ltd., Yarmouth, N. S.

duction, Germany never will pay the indemnity because Germany never will be able to pay it.

And that will not be the worst of it. Germany, instead of becoming a shield of France, Italy and Belgium against economic chaos and human incendiarism, can herself become a volcano bursting with the powers of crime and evil.

France's bitter passions, natural enough after all she has suffered, have blinded her eyes to the greater dangers threatened to her own safety and to the world's safety by a Germany turned raving by a policy of the Allies which could only sow the winds to reap the whirlwinds.

England of the cooler brain and wider vision sees in drastic modification of the indemnity not what is better for France and for Europe. Great Britain, in her steady way of meeting terrific issues and her big way of doing things in stupendous crises, sees that the best hope of saving France is to save Germany.

And there is little doubt that, as Great Britain resolves upon this salvage, so will France be compelled to go along not as a mercy but as a self-interest necessity.

Minard's Liniment Cures Dandruff.

RESULTS GUARANTEED.

"Do you guarantee results in your nerve treatment?" asked the caller. "You bet I do," replied the specialist. "Why, last week a man came to me for nerve treatment and when I'd finished with him he tried to borrow \$20 from me."

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FARMS FOR SALE

90 ACRES—NEAR DUTTON—SPLENDID land; tile, underdrained; 65-600; very easy terms. James Routledge, 87 West Avenue south, Hamilton.

VIRGINIA FARM—37 ACRES—IN best agricultural section State; highly productive; well fenced and watered; nice eight-room house; big bank barn; good orchard; \$21,000; easy terms; 650 other fine farms. Wilder & Co., Charlottetown, Va.

GOOD DAIRY FARM—325 ACRES—sell on terms or exchange; \$12,000. Owner, Box 7, Brantford.

148 ACRES, WELINGTON COUNTY—\$55 per acre. Choice clay loam, 10 acres hardwood bush, well drained and in a high state of cultivation, no waste land; good water supply, convenient to town, school and church, rural mail and telephone, good road. The buildings are nearly new and valued last year at \$2,000 by Fire Insurance valuator. This farm has never had a crop failure and is second to none for producing grain or hay. Terms reasonable. Box 9, Moorefield, Ont.

320 ACRES CHOICE LAND FOR sale at very low price. East half section 34-46-6 west of 4th Meridian, 10 miles north of Cadogan, Alberta, 55 acres ready for crop; 100 acres ready for crop after discing, balance summer fallow and unbroken land. House 12x24 ft. stable 12x24, 12x24 and 12x24 ft.; an abundance of good water; hardy water abundant. Price \$3,200; one-third cash, balance in 5, 6 or 7 equal annual payments with 5% interest at 1 per cent. per annum. Address S. W. Truher, Camanche, Ont.

OVERLOOKING DUNDAS—19 ACRES located, substantial 1-room house, with appropriate barn and out-buildings; approached by a driveway, bordered by evergreen trees and shrubs; fruit consists of peaches, plums, pears, grapes, etc., and soil is especially adapted for gardening. Will sell either or subdivided into a nice home, desirable and profitable suburban home. J. D. Biggar, 225 Clyde Block, Hamilton, Ont. Regent 524.

310 ACRES CHOICE PEACH FARM—storey frame house, 8 rooms, east bath, toilet, hardwood floors, large verandah, cement cellar, good barn and stable, with cement floors, all new, abundance good water, hard and soft. In addition, the peaches, there are apricots, cherries, good assortment small fruits; well lettered at 1 per cent. per annum. J. D. Biggar, 225 Clyde Block, Hamilton, Ont. Regent 524.

FARM FOR SALE—130 ACRES—IN-cluding 10 acres of timber; fair buildings and fences; 1/4 miles from village, Scotland. Apply Box 2, Scotland, Ont.

MISCELLANEOUS

WHEN ORDERING GOODS BY MAIL, send a Dominion Money Order.

SEED CORN, ABOUT 75 BUSHELS well selected seed corn, Minnesota No. 8. This corn resembles Golden Glow. Gives strong stand of stocks; yielded over 100 bushel cobs per acre last year. Was planted May 25th, and ripened before Sept. 1st. Matures in 90 days and gives very heavy yield. Price of seed per bushel \$5. Address Geo. A. Trusley, Camanche, Ont.

FOR SALE

KNITTING YARNS Beautiful soft four-ply, fingering yarns, LAMBS WOOL colors. Just the thing for SWEATERS, PULLOVERS, TQUES and children's wear. Made in Canada by Canadian plants from pure LAMBS WOOL and nothing else and somewhat resembles the high class English yarns, but so much cheaper. As you buy direct from the spinners. Price twenty cents per skein or three dollars per pound. Small sample skein, twenty cents, postage free. Also knitting yarns in homespun style, all wool, to wash at home, in GREY, BLACK and WHITE at one dollar, fifty per pound. Large sample skein, thirty cents, postage free. Postage extra on all orders under ten dollars. Georgetown Woollen Mills, Georgetown, Ontario. NOTE—CANNERS and SPINNERS WANTED. USE TO COUNTRY LIFE.

HELP WANTED

WANTED

FIRST CLASS KNITTER, EXPERIENCED on Dubud Flat Fashioning Machine. Good wages paid to capable man. Best working conditions in daylight mill. Mercury Mills, Ltd., Hamilton, Ont.

PROPERTIES FOR SALE

GENTLEMAN'S HOME IN THE suburbs of Tillsonburg is offered for the sacrifice price of \$15,000, could not be built to-day for \$20,000. Two acres ground, combination barn and garage, house solid brick construction, 3 stories, cut stone foundation, some hardwood floors, hot water heat, 120-amp. electrical, electric light and gas, excellent decorations and fixtures, plate glass windows, fronts of marble, numerous ornamental trees, shrubs, property in first class condition and repair. Owner will take city property or fruit farm in exchange. J. D. Biggar, 225 Clyde Block, Hamilton, Ont. (Regent 934).

BUSINESS CHANCES

BOOT AND SHOE BUSINESS FOR sale; established over 15 years. Further particulars, F. O. Box 568, Stratford.

ARTICLES FOR SALE

FOR SALE—BARR ACCOUNT REGISTER—bargain. Apply D. Corbman, Port Perry, Ont.

ABNORMAL CONDITION.

(Boston Globe.) The Doctor—You say your little boy has an abnormal appetite. In what way is it manifested? The Mother—He's lost all desire for things that make him sick.

Advertisement for The Walker House, featuring an illustration of a large, multi-story building and text describing its location and amenities.

Advertisement for At Your Service, Wherever You Live. Includes text about cleaning and dyeing services, and a large illustration of a man in a suit holding a hat, with the text 'Parker's Dye Works Limited, Cleaners & Dyers, 791 Yonge St., Toronto'.