

Energy Released in Combustion

A chunk of coal releases, during sombustion, enough energy to lift ticelf about 2,000 miles, or say from New York to Panama, vertically up-ward against constant sea level gra-vitation.

ward againet constant sea level gravication.

A chunk of hydrogen, gur most
energetic combustide, releases in
combustion an amount of energy
capable of lifting isself about four
times as far, or to a vertical distance
(against sea level gravitation) roughly equal to the distance from New
York to Manlas.

But a chunk of radium emanation
yields without any combustion an
amount of energy in the process of
its evolution that would lift if
against sea level gravitation not only
to the sun, but to the orbit of the
planet Neptune, the outside fencepost of the solar system, and which
is about thirty times further from the
sun than the earth is

100 per cent. This has been ascribed sometimes to prohibition, but it is doubtful whether Puerto Rico could drink much more coffee than it was drinking before prohibition went into effect; its consumption of alcohol was extremely moderate and its consumption of coffee large, as is apt to be the case in the tropics.

It is noteworthy in this country that many of the plans for a substitute for the saloon call for the provision of coffee as a substitute for alcoholic drinks. In the cafes of Europe the two go side by side, on an equal footing; at the same table one person may be drinking coffee and another beer. It might also be said that Europeans drink wine or beer with their meals and take their coffee in public, while Canadians drink coffee with their meals and take their alcohol in secret. This materially affects the position of coffee as a substitute.

If the coffee house is to be restored to the position it once had.

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Minard's Liniment Cures Diphtheria

Russian Records.

Wealthy Russians are often buried in glass coffins.

The income of the late ex-Tsar was £16 per minute.

Russians speak English better than any other foreign nation.

The deepest lake in the world is lake Balkal in Siberia.

The suffix "vitch" at the end of Russian surnames means "son of."

The excellent and full-flavored pro-

Minard's Liniment Co., Limited.
Gentlemen,—L have used MINARD'S
LINIMENT on my vessel and in my family for years, an dfor the every day ills
and accidents of life I consider it has no
equal.
I would not start on a voyage without
it if it cost a dollar a bottle.
CAPT. F. R. DESJARDIN,



NO MATTER WHETHER MARE, COLT, JACK

Spohn's Distemper Compound

is an effective in the treatment of one as of the other for DISTEMPER, PINK EYE, INFLUENZA, COUGH or COLD. The stallion in the stud, the horse in the field or on the road, and the baby colt are all protected from disease by an occasional dose. Buy of your druggist.

SPGHN MEDICAL COMPANY, Goshen, Indiana, U.S.A.

The rouble is a silver coin, worth two and tenpence in English money. The Russian equivalent to our "How do you do?" is "How do you live on?" There are twice as many blind people in Russia as in the whole of the rest of Europe.

Religious images are forbidden in Russia. Hence the "icon" or sacred painting.

In Siberia a dissatisfied husband tears his wife's cap or veil off and that constitutes a divorce.

Russian law permits a man to marry only four times, and he must marry before eighty, or not at all.

Russia has no national floral emblem corresponding to our rose, Ireland's shamrock of France's lily.

Russians are not great smokers. The average amount of tobacco smoked, per inhabitant, is but 1 lb. 3 oz. In Holland the consumption is 7 lb per head.

Minard's Liniment Cures, Colds, etc.

OUR COFFEE.

We Drink It But Are Not Authorities On Flavor.

In part the high price of coffee is attributed to a frost in parts of Brazil, but various causes have contributed. Puerlo Rico, for example, which naver is touched by frost had last year a small crop, and the price of coffee in the island has increased

Get the highest market

TORONTO FAT STOCK **SHOW**

price as well as some of the big prize money, by entering your good, well finished stock in our Tenth Annual

UNION STOCK YARDS

December 11 and 12

Write for Premium List and Entry Blank to-day, Secretary, Box 635, West Toronto.

Measure Your Neck Before and After Taking

THE MONK CHEMICAL CO.,

43 Scott Street, Toronte, Ont. WRITE FOR BOOKLET "E."

Twenty Years in One Room.

Twenty Years in One Room.

If we devote, on an average, eight hours to eleep, says Sir St. Clair Thompson, the English throat and nose specialist, a third at least of our development of the street of the very season of the will have passed no less than twenty years of his existence in the one and only room where he is likely to be sole arbiter of the ventilation. Unless there are exceptional conditions, the windows of every sleeping room should be wide open all night and every night. The blinds should be drawn up, otherwise, from their valve-like action, they will only permit intermittent and uncertain ingress of fresh air, while the only egrees for devitalized air is by the inadequate rout of the chimney.

"Stingey's one of thos; careful saving fellows, lan't he?"
"Yes. He puts the cork in the ink-bottle between dips."

OF INTEREST TO WOMEN



GOLD AURELE'S SUPPOSITORIES AND SUPPORTERS
the most acientific and successful Home
Treatment ever offered SUPPERING
WOMEN. Quick relief for inflammation, bearing down sensations, falling or
displacement of control of regans, backache, extreme to result organs, backache, ache ache ache ache ache
to result of the r

Box 125 H, Windsor, Ont.

Share and Share Alike.

Share and Share Alike.

The Russian revolution was not without its lighter side, as the following account of what happened in Petrograd will show.

A woman communist was holding forth, asserting that all were equal and all wealth should be divided equally. On this a man in her audience prduced coins amounting to about a dollar and one-half from his pocket. "I agree with you," he remarked. "You have convinced me." Turning to a bystander he asked him to change one of the pleces for him. He obtained two notes.

Facing the lady orator, he said: "This is all the money I possess. I will halve it with you," and he held out the seventy-five cents. She had to take it, and was about to commence her oration again when her questioner continued: "No, no. How much have you in your purse? We must now divide that, since we are to share equally in our wealth." Reluctantly she produced her purse. It was opened and found to contain twenty dollars. The man pocketed ten dollars of this, thanked her for her interesting lecture and withdrew.

RELIEF AT LAST

I want to help you if you are suffering from bleeding, itching, blind or pro-truding Piles. I can tell you how, in your own home and without anyone's nest stance, you can apply the best of all treatments.

PILES TREATED AT HOME

I promise to send you a FREE trial of the new absorption treatment, and re-ferences from your own locality if you will but write and ask. I assure you of immediate relief. Send no money, but tell others of this offer.

MRS. M. SUMMERS, BOX 8, Windsor, Ont.

FLOWERS OF THE STATES.

Nearly all the states have adopted an official flower says the American Forestry Association of Washington, D. C., and in those that have not the question is up for discussion. The flowers by states follow:

inestion is up for discussion.

Ariz., Glant Cactus.

Ark., Apple Blossom.

Calif., Golden Poppy.

Col., Blue Columbine.

Conn., Mountain Laurei.

Del., Peach Blossom.

Fia., Orange Blossom.

Ga., Chenokee Rose.

Idaho, Syringa.

Ill., Violet

Ind., Carnation.

Iowa, Wild Rose.

Kan., Sun Flower.

Ky., Trumpet Vine.

I.a., Magnolia.

Maine, Pine Cone and Tassel.

Mass., May Hower.

Mich., Apple Blossom.

Nont., Bitter Root.

Nebr., Goldebrod.

N. Y., Rose.
N. C., Dalsy.
N. D., Wild Prairie Rose.
Ohio, Scarlet Carnation.
Okia., Mistletoe.
Ore, Oregon Grape.
R. I., Violet.
S. D., Pasque Plower.
Tex., Blue Bonnet.
Utah., Sego Lily.
Wash., Rhododendron.
Wyo., Indian Paint Brush.,
W. Ya., Indian Paint Brush.

Minard's Liniment Cures Distemper

IN AGREEMENT.
"Here's a critic that takes the that Hamlet was mad."
"Well, I don't think he was an well pleased myself."

THE FALL WEATHER HARD ON LITTLE ONES

Canadian fall weather is extremely hard on litle ones. One day is warm and bright and the next wet and cold. These sudden changes, bring on colds. cramps and colle and unless baby's little stomach is kept right the result may be serious. There is nothing to equal Baby's Own Tablets in keeping the little ones well. They swesten the stomach, regulate the bowels, break up colds and make baby thrive. The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams Medicine Co., Brockville, Ont.

Beware of Compromises.

One temptation in making difficult decisions is to compromise. You aren't sure which way is the best, you seek sure which way is the best, you seen to combine the advantages of both, and many a time merely combine all the disadvantages. To be sure, there are times when a compromise is the wieset course, but there are just as many times when it is cowardice and weakness. How can one tell which times are which? Well, that is simply another decision for you.

Minard's Liniment Cures Garget in Cows.

UNCONDITIONAL SURRENDER. Will: "When Frank proposed to Irene, ne offered her his name and three-quarters of his weekly salary?"
John: "Did she accept him?"
Will: "No. She insisted on nothing less than an unconditional surrender."

KNEW THE SYMPTOMS.

A NON-ESSENTIAL

Tom-Did she return your love? Fred-Yes. She said she had no use for it. **NATURE'S MIRROR**



rich red blood. There's elasticity in every movement and a

When a

spring in her step. Love y woman who has comes to every woman who has bounding health—but when she is pallid, dull eyed, languid, she has no magnetism nor does she appeal

Such a change in feelings and looks!

looks!

After suffering pain, feeling nervous, dizzy, weak and dragged down by weaknesses of her sexwith eyes sunken, black circles and pale cheeks—such a woman is quickly restored to health by the Favorite Prescription of Dr. Pierce. Changed, too, in looks, for after taking Dr. Pierce's Favorite Prescription the skin becomes clear, the eyes brighter, the cheeks plump. It is purely vegetable, contains no alcohol.

Druggists sell it in tablets or

Druggists sell it in tablets or liquid. Send Dr. Pierce, Buffalo, N.Y., 10c for trial package.

ISSUE NO. 44 1919

PARMS FOR SALE

VINELAND-THE LAND OF VINES-the garden of Capada; buy a farm or ten-acre fruit and poulty farm and live happy. See, 'phone or write G. W. Ar-nott, Vineland, Ont.

FARM FOR SALE—200 ACRESS ON THE Grand River, 10 minutes walk from Caledonic on and district of the Caledonic Caledon

FOR NALE-PIFTY OR MORE GOOD farms in the counties of Waterloo. Wentworth, Wellington and other counties; some near the city of Galt; also some beautiful homes in the city of Galt and some market gardens; all kinds of real estate. Apply P. H. Patterson & Co., § Alnalle street, Galt, Ont.

10-ACRE FRUIT FARM, NEAR LAKE Ontario, All planted with the best varieties of peaches, plums, grapes and cherries; good soil; frame house. For particulars, apply Box 3, Wingua, Ont.

DANDY S-ACRE FRUIT FARM—BAR-gain for quick sale; city conven-iences; 19,300; \$2,000 cash; would exchange. Box 604, Grimsby.

FIRTT FARM FOR SALE-31 ACR ED-near St. Catharines; new frame house and barn; 10 acres grapes, 9 acres pears and piums; have always been pruned, sprayed and fertilized; owner is retiring; if sold at once buyer can take off bal-ance of crops; price 410,000. F. G. Stew-art, 6 Ann street, St. Catharines.

THREE PROPERTIES AGGREGATing ill acres—Township of Charlotteville, county of Norfolk, timber land, providing lumber and ties, pasture land and
berry land; 60 acres under cultivation;
frame house, 10 rooms, barn, 40%; wood
shed with swing buzz saw; hog pen, hen
house, smoke house, blacksmith shop
and saw mill. Remarksbly low price for
quick sale. J. D. Biggar, 205 Clyde Block,
Hamilton.

MISCELLANEOUS

WHEN ORDERING BY MAIL SEND

FARMS WANTED TO RENT.

WANTED-FARM TO RENT, GIVE particulars, rent, etc.; also apple orchard wanted for this fall or more, with apples on it. P. O. Box 65, Hamilton, Ont.

HELP WANTED—FEMALE

WANTED-GOOD HOUSEKEEPER OR capable girl; excellent home and highest wages patd. Apply to Mrs. A. H. Tallman, 80 Delaware avenue, Hamil-

PROPERTIES FOR SALE.

COR SALE—CHOICE CITY HOTEL— central, select; handsomely furnished, a contral, select; handsomely furnished, a profit-able business; a gilt-edged proposition to a practical party to acquire a sound, well-equipped business property at a right-price; seventy-five thousand; on easy terms; 1-3 cash; balance, if desired, ex-tending over 8 or 10 years; will not lease. Apply Box 751 Postai Station F. Toronto.

S TANDARD HOTEL PROPERTY FOR sale or to rent; Queen's Hotel, Orange-ville; for many years the leading commercial hotel of Dufferin county; can be purchased or leased on easy terms; possession given Nov. lat. For full particulars inquire of Miss Winnifred Bennett, Orangeville, Ontario.

SEED CORN

Pinest grades; quality guaranteed; \$\frac{3}{2}\$ Row Vellow Plint, White Cap, Yellow Dent, Golden Glow, Early Bantam Sweet, Large-eared Eureka Evergreen sweet corn; also perfection Bean and Timothy Hay. Buy direct from grower and save the middleman's profit. S. J. McLenaon, R. R. No. 4, South Woodslee, Ont.

AGENTS WANTED

A GENTS-MEN AND WOMEN, BEcome our sole representative in your
district; small capital required. The
chance of a lifetime. The Doctor Baudol Remedy Co., Dept. B., Box 151, Montreal.

A GENTS-MEN AND WOMEN, BE-come our sole representative in your district; small capital required. chance of a lifetime. The Doctor Bau-del Remedy Co., Dept. B., Box 151, Mon-Qut. "Storke," St. Andre, Kamouraska.

POULTRY WANTED.

HENS WANTED-ALIVE, 20 CENTS a pound f. o. b. your station, if with-in 150 miles of Toronto. Samuel Lewis 567 Dundas street west, Toronto, Ont.

FARMS WANTED

ARMERS, ATTENTION:—WB HAVE a large number of clients desiring stock and grain farms, fruit farms and chicken farms. If you desire to sell your place consult us for quick and satisfactory results. George W. Black, Manacer Farm and Suburban Department, and farmilton. The farm of the farmilton of the property of the farmilton. Ont. Phone Regent 181.

Silence is golden, especially the kind that is paid for.



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Made To Your Own Sizes

Keep cold winds out. Enjoy comfort without wasting val-uable tuel. We keep windows complete to suit your open-ings. Ask for price list of Storm Windows. Safe Delivery Guaranteed

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