84.

onished

n, drip.

ched as

through

he cars.

t every

olly, he

er face

ed, 'do

You've

hundred

egan to

ain and

nd kiss.

shamed.

nd flag-

Please

d papa.'

Polly's

!' they

in, and

d! The

eir seats

into the

d calm-

athered

ely all

sed the

watches

sed her

ratitude

o much

I don't

er once

oa and

ents for

you all

seeing

for her

for the

the car.

station

he lug-

ses and

er until

ly was

al ivory

namell-

graved

whose

aved a

e when

guilt of

punish-

ses are

re those

ollowed

neces-

st fatal

those

t upon

arcotic.

ern the

abhor-

feel at

thsome.

enly for

lower

ho sin,

eir sin-

t lower

, rather

causes:

suffer

eed for

ery de-

never

ference

e with-

us with

straight

-S. S.

Friday

aut, on

Sunday

wilder-

undays-

playing

lass of

had a

vent on

netrop-

s to the

e year.

FARM AND GARDEN.

In France, dairy cows are obliged to be kept scrupulously clean, daily curried, and their holders carefully washed and dried before milking. The houses are models of cleanliness and the dairy utensils not only kept clean-but highly polished. Cows there are milked three times a day, namely, at 4.30 a.m., 11.30 a.m. and at 6 p.m., and the milk rooms kept at 50° Fahrenheit summer and winter.

The old rule was that a heifer with her first calf could be reckoned half a cow. They will generally be better than this if well fed and cared for. If the family from which the heifer springs has been of a good stomach. milking strain, they can usually be bought of native breeds for much sipelas. less than they are worth. They more than pay their way, and yearly increase in value until they are six years old, when they are at their

"CHEWING THE CUD."-A Very large tribe of animals, of which sheep of tan, and walnut stains, and freckand cows are only familiar examples les. are called in works of natural hisruminate, they chew the cud. They do so because their peculiar organs of digestion require it. They can way. They have it is said in the atable. books, four stomachs, but the statement is not strictly correct, for the entire digestion is done in a single head one, that which is called the fourth, the other three being only places for preparatory work. Their food | in the evening. is swallowed without being chewed; the chewing is to come later. When this unchewed tood is swallowed it passes directly into the first stomach to use the common term; but the drink which is taken goes straight | throat. past the entrance of the first into to soak and soften the coarse food. | bent forward. When the first has done what it can Try an extra pair of stockings second, and then the cow or sheep | ing in cold weather. is ready to chew the cud."

in motion, and gradually rolls it up Messenger. into masses, so that in the small upper part there is formed an oblong solid lump of the size that we recognize as the "cud."

This the animal throws up into mouth, and chews with evidently as much satisfaction as the same act of mastication gives us when we put the most delicate morsels between our teeth. When it is sufficiently chewed, the mass is swallowed, and its place taken by another which had been rolled up in the mean time.

But the "cud" thus masticated does not return to the second from which it had come. It passes smoothly into the third, a place for additional lubrication, and then into the fourth, where the true digestion begins and ends.

In the work on feeding animals, by Professor Stewart, it is stated, as the result of careful experiment, and a half pounds of corn will fatten a young sheep or lamb faster than three pounds of corn alone.

The entire cost of cabbageplanting, cultivating, harvesting. be over one cent a head.

Put green food, like clover and to vision. grass, in barrels and sink them in the ground as a sort of silo to preserve the food for hens in winter.

the barn or fowl-house. It is well loon-steering was performed at known that this plant is especially Mendon, near Paris, on the 9th of ties. All that is needed is to press | Mangon, in reporting the experiment plants will care for themselves. day, declared "will remain ever committee, and the fall crop of seed officers in command of the Governspring. Poultry World.

so are the Canadian and American, only. As already reported, the exso that the ewners of apple orchards periment was tried in calm weather in Canada should be able to obtain and with a balloon of elliptical form, That is an old story; they are felt every very good prices.

HOUSEHOLD.

SCALLOPED TOMATOES .- Peel and cut in slices a quarter of an inch thick. Pack" in a pudding-dish in alternate layers, with a force-meat made of bread-crumbs, butter, salt, pepper, and a little white sugar. Spread thickly upon each stratum of tomatoes, and when the dish is nearly full, put tomatoes uppermost, a good bit of batter upon each slice Dust with pepper and a little sugar. Strew with dry bread-crumbs, and bake covered, half an hour; remove the lid and bake brown.-Exchange.

Try cranberries for malaria. Try a sun bath for rheumatism. Try clam-broth for a weak

Try cranberry poultice for ery-

troubled with sour stomach.

yellow turnips for gravel. Try eating onions and horseradish to relieve dropsical swellings. Try buttermilk for the removal

Try the croup-tippet when a child tory Ruminantia because they all is likely to be troubled in that way.

Try hot flannel over the seat of neuralgic pain, and renew frequently. get their nourishment in no other eatsup if you want to make it pal- a curve of 300 metres radius and

the nostrils for catarrhal cold in the

Try taking a nap in the afternoon if you are going to be out late

Try breathing fumes of turpentine or carbolic acid to relieve whooping-cough.

Try a cloth wrung out from cold water put about the neck for sore

the second. These two serve only behind you if you find yourself Times.

the food passes out of it into the out-side of your shoes when travel-

Try a silk handkerchief over the The second stomach, while busy face when obliged to go against a at work in soaking the food, keeps | cold, piercing wind. - Evangelical

SCIENCE.

TIRED EYES .- People speak about their eyes being fatigued, meaning that the retina, or seeing portion of the brain, is fatigued, but such is not the case, as the retina hardly ever gets tired. The fatigue is in the inner and outer muscles attached to the eyeball and the muscle of accommodation, which surrounds the lens of the eye. When a near object is to be looked at, this muscle relaxes and allows the lens to thicken increasing its refractive power. The inner and outer muscle to which I referred are used in covering the eye on the object to be looked at, the inner one being especially used when a near object is to be looked at. It is in the three muscles mentioned that the fatigue is felt, and relief is secured temporarily by closthat ten pounds of turnips and one ing the eyes or gazing at far distant known as his six week Days and one objects. The usual indication of strain is a redness of the rim of the eyelid, betokening a congested state of the inner surface, accompanied with some pain. Rest is not the storing, and marketing-need not but the use of glasses of sufficient power to render unnecessary so much effort to accommodate the eye

STEERING A BALOON .- The Wonderful Air Ship that Travels Against the Wind .- No little excitement has Plant sunflowers everywhere, been caused in France by the news where you can find a place, about that a successful experiment in balvaluable for its health-giving quali- August-a date which M. Herve the seed under the soil, and the to the Academy of Sciences on Tues-On the margin of the sink drain, memorable in the annals of disnear the out-house or pig-sty, or in covery." We are unable to judge the poultry yard, these plants will the importance of the alleged invenbe filling the place of the health tion, for its authors use two military will make a valuable change of diet | ment Aerostatic Works, which were for the fowls during the winter and instituted under M. Gambetta's auspices, and the technical secrets of article which he handles first is a sure their contrivance have, of course, The English apple crop is short been disclosed to the War Office

screw, and a rudder. The moter is said to be composed of accumulators which can supply during four hours a power of ten horses, and they are moved by the screw which serves as propeller to the apparatus. The balloon was made of light, strong silk, and was covered, as usual, with a netting, to which the car was suspended. All the propelling mechanism was contained within the car, the rudder alone projecting outside like that of a boat. The car was mounted by Captain Renard, Director of the Balloon Works, and by his assistant Captain Krebs, both engineer officers. On being released from the earth the balloon at once rose to a height of about 180ft., and, urged by a swift rotatory movement of the screw, made a straight course for the Hermitage of Villebon, about Try swallowing saliva when seven miles distant as the crew flies. A wind was moving against it at a Try eating fresh radishes and speed of 18ft. a second. Captain Renard worked the propeller, Capt. Krebs steered. Villebon had been fixed upon as the goal of the journey, and when this place was reached Captain Krebs waved a flag as a signal that he was going to turn. The spectators, who were a party of officers with some passers-by attracted by the sight of the balloon, were then " amazed and delighted to Try taking cod liver oil in tomato see the balloon gracefully describe sail back to Mendon." On approach-Try snuffing powdered borax up ing the lawn from which the ascent had been made, the balloon descended in an oblique direction and with a steady motion showing how the engine was completely under Capt. Renard's control. When within 20ft of the ground the machine was eased, reversed, stopped, and a rope being thrown out from the car, the ballaon was hauled gently down and touched earth without the slightest shock. The whole journey had oc-Try walking with your hands capied about 40 minutes.-London

VARIETIES.

Two hundred and ninety-three persons were killed while trespassing on the various railways lines of the United Kingdom during the year 1883, but only four donkeys met with sudden deaths from the same cause. Yet a wise man feels insulted if he is called an ass,--even by his ownest own.-Fun.

The Artic regions are not without their pleasures. The Esquimaux girls are very pretty, dance, sing, and do not care for ice cream. Hot drinks and walrus blubber are their peculiar vanities, and sealskin sacques are sold at two iron hoops and a tenpenny nail.

A contemporary publishes some curious facts concerning the leathern manufactures of Great Britain. From these it would appear that the species of alligator, whose skin is so fashionable just now for handbags, card-cases, etc., is a warm blooded, pachydermatous animal covered with hair. It has hoofs on its feet, and a tuft at the end of its tail, two horns on its head, and is commonly called a calf!

More than half a century ago a good New Hampshire deacon by the name of Day, living not far from the White Mountains, had seven children-six daughters and one son. They were

A negro witness in Macon, Ga, testilying in a bicycle case, gave this as the result of his observations:-" If you ride slow you turn over yourself; if you proper remedy for a fatigued eye, ride fast you turn over some-body else."

A false hood covers many a smiling

A certain crazy fellow takes his scream with his coffee at breakfast.

One swallow does not make a Summer, but summary swallows will produce an early Fall.

This was improved many years ago and placed on a wife's tombstone in Pembrokeshire: -

But words are wanting to say what; Think what a wife should be, And she was that.

The Chinese have a curious way of determining the future occupation of a male infant. On the first birthday he is seated in a large sieve, with money scales, a foot measure, a pair of shears, a brass mirror, a pencil, ink and books, an abacus and similar articles ranged in a circle around him. The

prophesy of the direction in which his

future activities will lie.

" Ladies' bonnets will be felt this fall," says a fashionable exchange. which carried an electric motor, a fall by the fond husband's pocket-book.

BAPTIST HEADQUARTERS.

BAPTIST BOOK AND

TRACT SOCIETY. Granville St.,

HALIFAX, N. S.

Arrived from England: CASE COLLINS' DICTIONARIES,

Library, Cabinet, Globe, National and Pocket editions. One Case Half-Price Books, From Religious Tract Society, London. ONE CASE

Variety of Single Sermons, &c. ONE CASE BAPTIST BOOKS AND TRACTS. From Baptist Tract Society, London. 1000 pages Tracts for \$1.00, (mailed free).

From Canada:

Case Gospel Hymns (Consolidated), Nos. 1, 2, 3 and 4, (Variety of Bindings and Prices.)

Also, 300 copies MOODY'S ANECDOTES. From Boston:

2 Cases Baptist Hymn Books, HYMNALS, Music and Words. Psalmists, Family Bibles. Also, a large assortment of

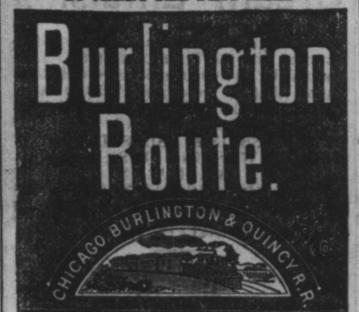
SUNDAY SCHOOL LIBRARIES, &c.

5000 Catalogues to be given away to Ministers, Superintendents and persons interested in the work, or in need of Books.

N. B.-Remember, when you purchase from the Baptist Book and Tract Society, the profit made upon the sale goes to the Colportage Fund.

GEO. A. McDONALD. Sept. 17. Secretary.

THE LINE SELECTED BY THE U. S. GOV'T TO CARRY THE FAST MAIL



GOING WEST. ONLY LINE RUNNING TWO THROUGH TRAINS DAILY FROM JHICAGO, PEORIA & ST. LOUIS, Through the Heart of the Continent by way of Pacific Junction or Omaha to

DENVER, or via Kansas City and Atchison to Denver, con-necting in Union Depots at Kansas City, Atchison, Omaha and Denver with through trains for SAN FRANCISCO, and all points in the Far West. Shortest Line to

KANSAS CITY, And all points in the South-West. TOURISTS AND HEALTH-SEEKERS Should not forget the fact that Round Trip tickets at reduced rates can be purchased via this Great Through Line, to all the Health and Pieasure Resorts of the West and South-West, including the Mountains of COLORADO, the Vailey of the Yosemite, the

CITY OF MEXICO, and all points in the Mexican Republic. HOME-SEEKERS

It is known as the great THROUGH CAR LINE of America, and is universally admitted to be the Finest Equipped Railroad in the World for all classes of Travel. Through Tickets via this line for sale at all Rail-road Coupon Ticket Offices in the United States and Canada.

Canada.
T. J. POTTER,
Vice Pres. and Gen. Manager.
PERCEVAL LOWELL,
Gen. Pass. Ag't Chicago. JNO. Q. A. BEAN, Gen. Eastern Ag't, 317 Broadway, New York, and 306 Washington St., Boston. April 16.

MUNN & CO., of the SCIENTIFIC AMERICAN, continue to act as Solicitors for Patents, Caveats, Trade Marks, Copyrights, for the United States, Canada, England, France, Germany, etc. Hand Book about Patents sent free. Thirty-seven years' experience. Patents obtained through MUNN & CO. are neticed in the SCIENTIFIC AMERICAN, the largest, best, and most widely circulated scientific paper. \$3.20 a year. Weekly. Splendid engravings and interesting information. Specimen copy of the Scientific American sent free. Address MUNN & CO., SCIENTIFIC AMERICAN Office, 261 Broadway, New York.

18 George Street,

Have on hand a full line of West of England Broadcloths,

DOESKINS, DIAGONALS, HAIRLINES,

SCOTCH AND ENGLISH

Tweed Suitings, CORDUROYS in Seal-brown, Drab and Huntsman's Color,

SPRING OVERCOATINGS, &C.,

Which they can make up at prices which will defy competition. A perfect fit and every satisfaction guaranteed.

IT IS TRUE!

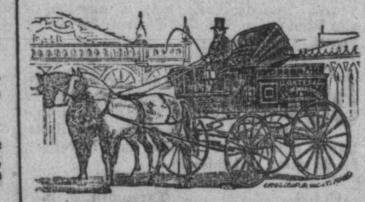
KIND WORDS. WHAT OTHERS THINK OF BUDS AND BLOSSOMS.—The following is from The Christian at Work, a first-class religious weekly, published in New York: "In the City of Halifax, Nova Scotia, is

published a monthly magazine called Bups AND BLOSSOMS and edited by J. F. Avery. Each number contains forty pages, plentifully and handsomely illustrated, and at 75 cents a year is certainly one of the cheapest publications extant. But better still, it is one of the best. Its pages are full of the gospel spirit, excellent temperance sketches, missionary intelligence, short stories, household hints and suggestions, all entertaining clean and wholesome literature, suitable for the home and family circle, and calculated to promote purity and knowledge among its readers. We do not know what the circulation of this excellent publication may be, but of this we are sure, it ought to be double whatever it is, for it is just the right kind of reading to be put into the hands of young folks; bright, cheery, kopeful and strong, without cant or sickly sentimentality. We hold it as an indisputable truism that when an opportunity offers to promote the circulation of such literature among the young it becomes a religious duty to do so. Send to the publisher for a specimen copy, and you'll find that we have not said onehalf the good things we might concerning it."

We will send back numbers till the end of 1884 for 50 cents, or for \$1.00 will take new names from date until end of 1885. So confident are we you will like it, we offer it for 25 cents remainder of the year. Send 6 cents for specimen and opinions of the press.

Buds & Blossoms.

REV. J. F. AVERY, Editor, Mizpah Cottage, Kempt Road, Halifax, N. S. Aug. 6.



GATES' Certain Check

Purely Vegetable Compound

Sure and Speedy Reliever of all kinds of Pain and Cramp.

It is certain to check Diarrheea and Dysentery almost instantly as well as cholera, Cholera Morbus and all kinds of

No family should fail to have a suppl of this in the house as it may save life before a physician can be called, beside saving a great amount of suffering. Would recommend to diet for a short time after relief is obtained. For children nothing can be found to equal itbeing very pleasant to the taste and givng relief instantly.

TRY ONE BOTTLE. Full directions of Label and Wrapper. Sold everywhere at 25 cts. per bottle Manufactured by C. GATES SON & CO.,

Middleton, Annap. N. S. See Certificate next month. July 23.

THE NATION

For it is sadly too true that thousands of children are STARVED TO DEATH every year by improper or insufficient food. Remember,

RIDGE'S FOOD

NFANTS AND INVALIDS,

Is all and a great deal more than we have claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated FOOD, grateful to the most delicate and irritable stomach, and especially adapted for the INFANT and GROWING CHILD.

Invalids, Nursing Mothers, and those suffering from Indigestion will find on trial that RIDGE'S FOOD FOR INFANTS AND INVALIDS, is all they can desire. It is carefully put up

Constant users will find our No. 4 size (always the most economical size to buy) now much larger than formerly, thus materially lessening the expense.

WOOLRICH, Dispensing and Family Chemist, Upper Water St., Depot for Ridges Food, Pick-me-up Bitters, &c., with a well-assorted stock of Pure Drugs. April 17

TRURO AND KENTVILLE Marble, Freestone

GRANITE WORKS, A. J. WALKER,

Prince Street, Truro. A. J. WALKER & Co., Church Street, Kentville. Jan. 9. * to Dec. 31.

Nova Scotia Book Bindery, C. & T. PHILLIPS,

Cor er Granville & Sachville Streets. BOOK BINDERS, PAPERS RULERS. BLANK BOOKS, Manufacturers, Perforaters, Steam Machine PAPER BAG Manufacturers, Cheapest in the Market | Canning. Jan. 31.

CHRISTIAN MESSENGER Printing Office.

69 & 71 GRANVILLE ST.

HALIFAX, N. S.

All kinds of

PRINTING

Executed with neatness and despatch

PAMPHLETS,

CIRCULARS

BILL-HEADS,

POSTERS

Business Cards

Of all kinds

WEDDING CARDS.

LADIES VISITING CARDS' TICKETS & LABRIS

At reasonable prices.

"CUSTOM TAILORING." H. G Laurilliard, 119 HOLLIS STREET,

HALIFAX, N. S. * Agency for New York Fashion For Superintendents and Teachers. FOR MINISTERS. For Scholars.

B. KINNEY, ARCHITECT.

Designs, Plans and Specifications pre-pared for all classes of Buildings. Also: Bural Cemeteries surveyed and planned. Yarmouth, N. S.

REAUTIFUL

Read advertisement elsewhere. Send 6 cents for specimen copy and press testimonials. It will be to your advantage. 5 dollar gold piece still offered.

UNFERMENTED WINE,

Prepared for Sacramental and Dietetic By F. WRIGHT, Maunfacturing Chemist

Kensington High Street, London, W. "This WINE is guaranteed to be the uice of the finest grapes of the Cote d'or, Andalusia, and the Medoc. It is perfectly free from Alcohol, and is guaranteed to be Pure Grape Juice. It has stood the test of 22 years' continuous sale in every climate, and is now used in upwards of 1500 Churches of all denominations. The mode of manu facture is a slight modification of a wellknown ancient practice, and effectually preserves the grateful flavor and the rich nutri tious qualities unimpaired. It is therefore admirably adapted in cases of debility and fever, in which the stomach is too weak to digest other food. Children suffering from febrile ailments drink it with avidity, even

when all other food has been refused JOHN M. HODGES, Esq., M. D., F. C.S. Public Analyst for Antrim County and Belfast

"I have chemically examined the bottle of Wright's Unfermented Wine (taken by my son from the stock held by Mr. Wright's Belfast Agent), and find that it is free from alcohol, and contains the constitutents of grape juice. When mixed with water it will prove an agreeable beverage."

FROM REV. JOHN BURWASH, Formerly Professor at Mount Allison, Wesleyan College, Sackville, N. B.

Sackville, May 23rd, 1882. "I have just finished the analysis of the Wine sent. It is necessarily a slow process, wine contains No Alcohol, nor any dele terious ingredient. * * * It can be relied on as wholesome, not having any in-toxicating properties. * * * ."

> FOR SALE AT MEDICAL HALL, AMHERST, N. S

C. At BLACK, M. D. Dec. 5.



MANUFACTURED IN TORONTO.

A Permanent, sure cure for Diseases, Disorders and Ailments of the Kidneys, Bladder and Urinary Secretive System, or Attendant Complaints—causing Pain in Small of Back, Sides, etc., producing Urinary Disorders, such as too frequent, Scanty, Difficult, Painful or Copious Mensuration, Inability of Retention and Sedimentary Urine, Dropsical Symptoms, etc., denoting the presence in the system of Diseases common to the Urinary Secretive Organs, known as Gravel, Catarrh of the Bladder and Passages; Bright's Disease, Diabetes, Dropsy, Piles, Nervous Debility, etc., etc.

Pamphlets and Testimonials can be obtained from Druggists free. PRICES—Child's Pad, \$1.50, (cures Bedwetting.) Regular Pad, \$2.00. Special Pad for Chronic Diseases, \$3.09. Sold by

A. B. Cunningham, M. D., Annapolis; William A. Piggott, Granville; Geo. V. Rand, Wolfville; J. B. North, Hantsport; W. H. Stevens, Dartmouth; Chas. F. Cochrane, Kentville; C. E. Borden,