# Scientific.

## PREVENTIVE OF THE DECAY OF WOOD.

Experiments have been carried on in Paris for a long time in the intent of finding out a means of preserving palings, posts, etc., from decay. As a result of five years' experience, a paint is recommended which at the same time possesses the advantage of being impervious to water. It is composed of fifty parts of tar, forty parts of finely crushed chalk, five hundred parts of fine, white hard sand, four parts of linseed oil, one part of the red oxide of copper in its native state, and finally, one part of sulphuric acid. In order to manufacture the paint from this multiplicity of materials, the tar, chalk sand and oil are first heated in an iron kettle; the oxide and sulphuric acid are then added with a good deal of precaution. The mass is then carefully mixed. It is now ready for use, and must be applied while hot. In coating the timber a stiff drush is used. After this paint has cooled and dried, it forms a coating or varnish quite as hard as stone.

MEDICAL PROPERTIES OF EGGS.—The white of an egg has proved of late the most efficacious remedy for burns. Seven or eight successive applications of this substance soothe pain, and effectually exclude the burn from the air. This simple remedy seems preferable to colodion, or even cotton. Extraordinary stories are told of the healing properties of a new oil which is easily made from the yolk of hen's eggs. The eggs are first boiled hard, and the yolks are then removed, crushed and placed over a fire, where they are carefully stirred until the whole substance is just on the point of catching fire, when the oil separates and may be poured off. One yolk will yield nearly two teaspoonfuls of oil. It is in general use among the colonists of South Russia as a means of curing cuts, bruises and scratches.

MANURE.—A large manure heap is indispensible to profitable farming; large hay crops insure the manure heap. To increase both without resorting to artificial fertilizers, plough less, top dress the grass and grain lands at seeding time; and as the hay increases, furnish mouths to consume it. Spring in some respects, is a favorable time to treat grass lands; rains are more frequent than in fall and if done early and well the scythe will meet with little obstructiou.

FOR RETENTION TO MILK.—A writer in the N. W. *Farmer* says: I have a cow that does not give down her milk readily, so I treat her thus: Milk a little, then take a handful of straw or hay and rub it over the cow's back a few times, then the milk will flow readily. I believe one-third more milk can be got out of a hard-milker by this plan.

OIL OF PEPPERMINT.—A writer to the London *Lancet* says: "A few years ago, when in China, he became acquainted with the fact that the natives, when suffering from facial neuralgia, applied oil of peppermint to the seat of pain with the camel-hair pencil. Since then, in his own practice, he has frequently employed oil of peppermint as a local anæsthetic, not only in neuralgia, but also in gout, with remarkably good results. He has found the relief from pain to be almost instantaneous."

An absent minded Indianian who started out after his cow, found the cow-bell in the middle of the road, and, pocketing it, followed its tinkling for over twenty miles before he remembered that it was not on the cow's neck.—*American paper.*

SOFT EGGS.—Soft eggs, when laid by fowls, intimate usually that the egg organs are inflamed, which is occasioned by the bird being overfed or too fat. Spare diet and plenty of green food, especially lettuce leaves, is the best treatment for fowls in that condition.

OAT CHAFF FOR PILLOWS.—A lady says that the best pillows she ever saw were made of oat chaff. One particular advantage is in their use in time of sickness, especially in fevers, as they are much cooler than feathers.

The snail has 110 rows of teeth, with 111 on each row, or 12,210 teeth in all.

## LEFT-HANDEDNESS.

Various attempts have been made to account satisfactorily for the use of the left in preference to the right hand in those in whom this peculiarity exists, but, according to the *Lancet*, without success. Dr. Pye-Smith takes up the question, and, disposing of the theories that left-handedness is to be accounted for by transposition of the viscera, as asserted by Von Bear and others, or by an abnormal origin of the primary branches of the aorta, proceeds to argue that right-handedness arose from modes of fighting adopted, from being found to be followed by the least serious consequences. "If a hundred of our fighting ambidexterous ancestors made the step in civilization of inventing a shield, we may suppose that half would carry it on the right arm, and fight with the left; the other half on the left, and fight with the right. The latter would certainly, in the long run, escape mortal wounds better than the former, and thus a race of men who fought with the right hand, would gradually be developed by a process of natural selection." Of course the habit once acquired, of using the right hand more than the left, would be hereditarily transmitted from parent to child.

TANNING SHEEP SKINS WITH THE WOOL ON.—Take one part of alum and two of saltpeter; pulverize and mix well together; then sprinkle the powder on the flesh side of the skin, and lay two flesh sides together, having the wool side out. Then fold up the skins as tight as you can, and hang or lay them in a dry place. As soon as they are dry (which will be in two or three days), take them down and scrape them with a blunt knife till they are supple, and rub them over the edge of a board, if necessary, to make them soft. Other skins, which you wish to cure with the fur on, may be treated in the same manner.

OBSTINACY OVERCOME.—A gentleman related in my presence a little incident, which I give as I heard it:

A wagon was passing, heavily laden with slates. The horse stopped, refusing to be urged or cajoled into starting. Of course I expected, as usual, to see the driver use his whip, or perhaps his heavy boots, with an accompaniment of shouts and oaths, to remind the animal of his neglect of duty. He went to the wagon, and commenced fumbling in its depths. Now, thought I, that poor horse will receive a most tremendous beating; and I waited the issue with bated breath. But instead of the heavy stake which I anticipated, he drew out an old wooden bucket, the outside covered with meal, the remains of former lunches, ran along the road for some distance before the horse, and set it down. The animal, true to his instincts, forgetting his former obstinacy and whims, hurried towards the well-remembered receptacle of former enjoyments, and the battle was won by a little quiet management, saving pain and trouble for both man and beast. Now, thought I, as I went on my war rejoicing, here is a lesson for educators. Don't drive and push and sweay and scold. but accomplish your object, whether it be with child or "dumb animal," by means of some incentive to the performance of duty, which shall recall pleasures past, or be an earnest of joys to come.—*Our Dumb Animals.*

Why not fasten to his back a stick with a cabbage tied to the end of it a few inches beyond his nose? He would then hurry on to get a bite; and at the end of his journey give him the cabbage.

REV. WILLIAM SPEER, D. D. (*China and the United States*) says it is amusing to witness the eagerness of the Chinese when, once in many years, a slight snow falls in the winter, to gather it into bottles, in which they suppose its precious virtues will be preserved after it melts, and be an efficacious remedy for fevers.

BORAX.—The *Manufacturer and Builder* says that powdered borax placed in their way, is sure death to cockroaches,—with the advantage of being non-poisonous to other forms of life about the house.

Many a man dreads throwing away his life at once, who shrinks not from throwing it away piecemeal.

Better be understood by ten than admired by ten thousand.—*Edwards.*

## MESSENGER ALMANACK.

JUNE, 1871.

Full Moon, June 3rd, 2h. 12m. morning.
Last Quarter, " 9th, 8h. 23m. afternoon.
New Moon, " 17th, 10h. 15m. afternoon.
First Quarter, " 25th, 6h. 30m. afternoon.

| D. M. | Day Wk | SUN. Rise | SUN. Sets | MOON. Rises | MOON. South | MOON. Sets | High Tide at Halifax. |
|---|---|---|---|---|---|---|---|
| 1 | Th.. | 4 22 | 7 34 | 5 58 | 10 52 | 3 11 | 5 36 |
| 2 | F .. | 4 21 | 7 34 | 7 18 | 11 52 | 3 46 | 6 27 |
| 3 | Sa .. | 4 21 | 7 35 | 8 36 | morn | 4 26 | 7 16 |
| 4 | SU. | 4 20 | 7 36 | 9 44 | 0 56 | 5 16 | 8 3 |
| 5 | M.. | 4 20 | 7 37 | 10 42 | 1 59 | 6 14 | 8 52 |
| 6 | Tu.. | 4 20 | 7 37 | 11 28 | 3 2 | 7 22 | 9 40 |
| 7 | W.. | 4 19 | 7 38 | morn | 4 1 | 8 34 | 10 32 |
| 8 | Th.. | 4 19 | 7 39 | 0 5 | 4 56 | 9 47 | 11 22 |
| 9 | F .. | 4 19 | 7 39 | 0 36 | 5 46 | 10 56 | A. 13 |
| 10 | Sa . | 4 18 | 7 40 | 1 1 | 6 32 | A. 3 | 1 14 |
| 11 | SU. | 4 18 | 7 41 | 1 24 | 7 16 | 1 8 | 2 20 |
| 12 | M.. | 4 18 | 7 41 | 1 46 | 7 58 | 2 10 | 3 30 |
| 13 | Tu.. | 4 18 | 7 42 | 2 10 | 8 40 | 3 10 | 4 32 |
| 14 | W.. | 4 18 | 7 42 | 2 33 | 9 23 | 4 13 | 5 49 |
| 15 | Th.. | 4 18 | 7 43 | 2 59 | 10 6 | 5 13 | 6 17 |
| 16 | F .. | 4 18 | 7 43 | 3 29 | 10 52 | 6 15 | 6 59 |
| 17 | Sa.. | 4 18 | 7 43 | 4 4 | 11 39 | 7 14 | 7 38 |
| 18 | SU. | 4 18 | 7 44 | 4 46 | A. 28 | 8 10 | 8 13 |
| 19 | M.. | 4 18 | 7 44 | 5 34 | 1 18 | 9 2 | 8 48 |
| 20 | Tu . | 4 18 | 7 44 | 6 29 | 2 8 | 9 47 | 9 23 |
| 21 | W.. | 4 18 | 7 45 | 7 29 | 2 57 | 10 25 | 9 58 |
| 22 | Th.. | 4 18 | 7 45 | 8 33 | 3 46 | 10 59 | 10 34 |
| 23 | F.. | 4 18 | 7 45 | 9 38 | 4 33 | 11 28 | 11 13 |
| 24 | Sa.. | 4 19 | 7 45 | 10 45 | 5 20 | 11 55 | 11 59 |
| 25 | SU. | 4 19 | 7 45 | 11 54 | 6 7 | morn | morn |
| 26 | M.. | 4 20 | 7 45 | A. 59 | 6 54 | 0 20 | 0 47 |
| 27 | Tu. | 4 20 | 7 45 | 2 15 | 7 44 | 0 45 | 1 44 |
| 28 | W.. | 4 21 | 7 45 | 3 30 | 8 36 | 1 13 | 2 50 |
| 29 | Th.. | 4 21 | 7 45 | 4 48 | 9 33 | 1 42 | 3 56 |
| 30 | F .. | 4 22 | 7 45 | 6 7 | 10 34 | 2 18 | 4 59 |

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newpo t, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes *later* than at Halifax. At Annapolis, St John, N. B., and Portland Maine, 3 hours and 25 minutes *later*, and at St. John's, Newfoundland 20 minutes *earlier*, than at Halifax. At Charlottetown, 2 hours 56 minutes *later*. At Westport, 2 hours 54 minutes *later*. At Yarmouth, 2 hours 20 minutes *later*.

FOR THE LENGTH OF THE DAY.—Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT.—Subtract the time of the sun's setting from 12 hours, and to the remainder add the time of rising next morning.


## New York and Oswego Midland Railroad.

FIRST MORTGAGE BONDS

**Principal and Interest payable in Gold.**

**Interest 7 Per Cent. Gold per annum free from Government Tax.**

***200 miles of road finished, and doing a profitable business.***

THIS road spans the State of New York from its Metropolis to its Northern borders.

Its Northern terminus is at the city of Oswego, on Lake Ontario. It shortens the railroad connection of the City of New York with Oswego and Canada FORTY FIVE MILES, and by means of a branch at Auburn, where it connects with the New York Central, it shortens the connection with Buffalo and the West SEVENTY MILES.

The Company has a contract with the Delaware and Dudson Canal Company for the transport of their coal, which adds largely to the business and profits of the coal.

The PAID-UP CAPITAL of the Company is about $6,500,000, which it is believed is a larger Capital than any other railroad enterprise in the United States ever started with. The issue of Bonds is limited strictly to $20,000 per mile of ROAD ACTUALLY BUILT AND IN RUNNING ORDER.

The annual earnings of the road are estimated at nearly $900,000; the operating expenses will not exceed fifty per cent which would leave, after payment of interest on Bonds, over $214,000. For sale by

W. S. STIRLING, Halifax,
T. S. WHITMAN, Annapolis,
G. OPDYKE & CO., Bankers, N. York.

April 19th. 3m.

## A. V. P. B.

ARCHIBALDS VEGETABLE PAIN BALSAM is an article worthy of patronage and should be found in every house. It is equal if not superior to any other Pain Killer now in use. Also, Archibald's Cough Mixture for Coughs, Colds, and all Lung Diseases.

The Proprietor has removed to Truro, Colchester Co., N. S., is now extending his business, and will be prepared to furnish his numerous patrons with the above, as well as many other valuable remedies compounded by him.

Sold by all the principal Dealers and Druggists in the Provinces.

Oct. 21. 1 yr.

**To Parents and Sabbath School Teachers.**

JUST PUBLISHED.

*SECOND EDITION—REVISED.*

**A SCRIPTURE CATECHISM,**

for the Family, the Bible Class, and the Sabbath School,
BY S. SELDEN.

Price 8 cents or $6 00 per 100

## TRY NELSON'S CHEROKEE VERMIFUGE.

THIS valuable Indian combination has been successfully used by physicians, and found to be safe and sure in eradicating worms in persons of all ages. Prepared by

W. J. NELSON,
Bridgewater, N. S.

☞Sold everywhere.

Sept. 14. 1y. c e 3 mths.

## WRIGHT'S Patent Sectional Spring Bed!

THE Subscribers having been appointed Sole Agents in the Province for the sale of this article, recommend it as being the easiest and most comfortable to rest upon, and together with its durability, and the facility with which it can be taken apart and cleaned, they feel certain that it will be found to be a most convenient article.

May 20. GORDON & KEITH.

## EAGAR'S Peruvian Bitters!

COMPOUND

Of Peruvian Bark, Sarsaparilla, Dandelion, Wild Cherry, and other valuable remedies.

AN EXCELLENT

**TONIC, APPETIZER, & STIMULANT.**

Cures LIVER COMPLAINT, DYSPEPSIA, ACIDITY of the STOMACH, DEBILITY and PAIN in the BACK, RESTORES the VITAL ENERGIES, when exhausted, braces up both the Nervous and Muscular System, PURIFIES the BLOOD, and Restores the Appetite.

Particular attention is called to the fact that the

**PERUVIAN BITTERS**

are not an Alcoholic preparation, but simply a scientific combination of valuable Roots and Barks, which purifies the Blood and restores the waste, thereby bracing up both the Nervous and Muscular Systems, and giving that permanen HEALTH, STRENGTH and VIGOR, both of mind and body which nature intended man should possess.

This BITTERS is not sold as a specific for every disease, but in cases of GENERAL DEBILITY and its effects, such as Dyspepsia, Loss of Appetite, Weakness of the small of the Back, Weak Memory, Indspositon for Exertion. Sense of Fullness after Eating, &c., caused by anxiety over exertion, mental or bodily, late hours, and excesses of every kind, it has no equal.

Although these BITTERS contain no Alcohol, they will most efectually wean the taste from Stimulants and enable the system to dispense with them at once.

The proprietor, although averse to the practice of puffing any medicine, feels it his duty to give publicity to the following certificates.—Hundreds could be added, but such names as Dr. How, Professor of Chemistry at King's College; Capt. Hardy, R. A.; Mr. Solomon, Lunenburg; and Dudley de Chair, Esq, Halifax, will be sufficient to establish its reputation as a reliable and valuable medicine.

CERTIFICATES:

I have found Mr. Eagar's PERUVIAN BITTERS beneficial to myself and in my family, and have heard of their being used with good effect in another case in Windsor.

(Signed) HENRY HOW, D.C.L.
King's College, Windsor.

MR. EAGAR,—I have used your PERUVIAN BITTERS in a personal case of Dyspepsia, and have derived the greatest benefit therefrom.

(Signed) C. HARDY,
Capt. R A.

LUNENBURG, 28th June, 1869.

MR. EAGAR,—I have used your PERUVIAN BITTERS and can highly recommend them, as I have derived great benefit therefrom.

(Signed) EDWARD H. SOLOMON,
Dy. Surveyor, Co, Lunenburg.

I have tried Mr. Eagar's PERUVIAN BITTERS, and can strongly recommend them.

Signed, DUDLEY DE CHAIR.
Halifax, June 3, 1869.

FOR SALE in large bottles at 37½ cts. per bottle, and in one dozen and three dozen boxes. Orders from the country will receive immediate attention. Dealers Supplied on liberal terms.

## TOOTH ACHE.

EAGAR'S

**ODONTINE ESSENCE**

gives instantaneous relief in all cases of Tooth Ache arising from hollow teeth and exposure of the nerve.

Thousands of bottles have been sold and in no case has it failed to give satisfaction.

Be sure and obtain Eagar's Odontine Essense; take no other.

The money will be returned if it fails to give relief when used according to directions in cases of tooth, ache from exposed nerve.

25 CENTS PER BOTTLE.

If the above article cannot be obtained at the stores near where you live send the price in stamps to the subscriber's address and it will be forwarded immediately. Dealers supplied on liberal terms

M. F. Eagar.
149 Hollis St.
Halifax.

## NEW WHOLESALE DRUG STORE, 149 Hollis St., Halifax.

The subscriber is prepared to execute orders for Drugs, Chemicals, Perfumery, Patent Medicines' Paints, Varnishes, Oils, Toilet Articles, and all other articles usually supplied by Drug Houses.

Being agent for first class Surgical Instrument makers in London and Paris, their respective priced lists can be seen at his establishment.

His knowledge of the London, Liverpool and Parisian Markets, enables him to offer goods at very low prices for cash as will be seen by a few quotations below:

| | | | |
|---|---|---|---|
| Hair Oil, | at from.... | $0 37 | per doz |
| Perfume, | " .... | 0 60 | " |
| Black Cup Pomade, | " .... | 1 00 | " |
| Box Wood top Pomade, | " .... | 1 00 | " |
| Glycerine & Camphor Roll | .... | 0 90 | " |
| Soaps, | " .... | 0 25 | " |

Prices of any articles will be given with pleasure when required.

Should any article purchased at his establishment not prove to be what it is represented, it can be returned at his expense, if not otherwise made satisfactory.

M. F. EAGAR.
149 Hollis St.
Feb. 23. Halifax.

## DR. JOSEPH D. DAVIS

WOULD inform the public that after thirty years of study, investigation and practical experimenting concerning that terrible disease

**CONSUMPTION,**

And the diseases of the anterior and posterior naries, throat, bronchia, lungs, heart, liver, kidneys, and uterus, and twenty years spent in investigating, experimenting and proving, with the medicinal and therapeutic properties of the roots, barks, plants and shrubs, indigenous to Massachusetts, Maine, New Brunswick and Nova Scotia,—he has discovered new remedies, and new modes of treatment, for Consumption, not previously known to Medical Science; and with the large number of cases treated, relieved and cured during the past ten years, in Maine, Massachusetts, and in different sections of Nova Scotia, has proved, beyond the shadow of a doubt, that Consumption, very often in its advanced stages, with his medicines and mode of treatment, can be cured.

He has, at great expense, procured from London, Paris, Vienna and the United States, the finest and most delicate instruments to enable him to thoroughly diagnosis diseases.

CAPE SABLE ISLAND. N. S., July 15th, 1870.

DR. DAVIS—

*Dear Sir*—The wisest of men has said that in "a multitude of counsellors there is safety." Having been benefitted by your medicines, I wish to say it to others who may be suffering from lung diseases. Early in 1869 my health began to give way, until such a lack of vital tone was experienced that I concluded it was time to try to avert the impending danger or doom; and arranged last autumn for a rest and a visit to my native Province; but on returning found myself no better; I became discouraged, fearing if no help could be obtained that I should have to abandon my work in the ministry. Happily for me, as the sequal proved, you were directed this way last winter; and, upon examination, you said my lungs were in a tubercular condition, and advised me to take medicine; to which I consented, with many misgivings, which, however, were dissipated in the course of four or five months. For the first three months I could not discern much change; but after that began to feel a new vitality permeating my whole system; my work, which for months had been burdensome, became lighter and more agreeable; and now I enjoy a vigorous state of health. If this testimony should induce any who are suffering from lung disease to employ you, with the same success. I do not doubt but they will feel that, under the Divine blessing by which you have been enabled to gather such valuable knowledge from nature's store house, they are your debtor. With earnest prayer that you may succeed in business and become a blessing to many of the afflicted, I remain, with kindest regards,

WM. M. KNOLLIN,
Minister of Free Baptist Conference of N. S.

Dr Davis intends visiting the following various towns and localities:—

He will be in Weymouth from the 1st Feb. to 7th. Yarmouth from 7th to 14th; Barrington from 14th to 21st; Cape Island from 21st to 28th; Shelburne from 1st March to 7th; Liverpool from 7th to 10th; Bridgewater from 10th to 17th; Lunenburg from 17th to 24th; Mahone Bay from 24th to 31st; Chestee from 1st April to 7th; Bridgetown from the 7th to 14th; Halifax from 14th April to 30th June.

March 15.

## Superior Pianos,

IN VARIOUS STYLES,

*UPRIGHT, OBLIQUE, SQUARE, Etc.*

With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate. An assortment of

**THE "SILVER TONGUE."**

A very fine toned CABINET ORGAN, by Carhart and Needham, N. Y.

The above are offered to a discriminating public at moderate prices,

WM. FRASER & SONS,
June 1. 70 & 72 Barrington St.


## Government House, Ottawa,

Wednesday, 19th day of April, 1871.

PRESENT:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

ON there commendation of the Honourable the Minister of Customs and under the authority given by the 54th Section of the Act 31st Vict., Chap. 6, intituled:—"An Act respecting the Customs, His Excellency has been pleased to order, and it is hereby ordered that the Port of Morrisburgh, in the County of Dundas, and Province of Ontario, shall be and the same is hereby ordered into and constituted a Warehousing Port, within the meaning of that Act.

WM. H LEE,
Clerk Privy Council.

May 10. 3in.


## THE CHRISTIAN MESSENGER

Is published every WEDNESDAY. Terms—Two DOLLARS a year, when paid in advance; if payment is delayed over three months $2.25 when over six months $2.50.

Subscribers beyond the Dominion of Canada, must send in addition to the above, 20 cents a year for prepayment of postage.

ADVERTIZING at usual rates.

STEPHEN SELDEN, Proprietor.
OFFICE No. 59 GRANVILLE STREET.
HALIFAX, N. S.

☞ PRINTING of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms.

Magistrates Blanks always on hand.