Agriculture.

SOILS—LOAM.

Soil of this description seems all over the world to be considered the farmer's paradise. Upon these loamy sectons Nature appears to have combined all her gifts, for this soil is composed of an intermixture of all the earths, not thrown together without discrimination, but beautifully blended.

We find loams of various colours. Upon the high lands it assumes a dark red, on gradual slopes a yellow, and upon bottoms and in valleys a black hue. The two first formations appear to be a deposit from the great and general flood, while the latter seems to be composed of the constant accumulations of the deposits of partial floods at various times.

In one place we shall find the loam resting upon stone, while in another the subsoil is clay, but it is almost invariably of sufficient depth to serve the purpose of the cultivator.

It is friable, and readily admits of thorough percolation by both air and water, retaining just sufficient of the latter to serve the uses of the growing plant, and allowing of the oozing away of all superfluous water, so that upon such lands stagnant water is almost a thing unknown. Thus it is neither subject to drought in summer nor to coldness in the spring.

We have in every township, sandy, clay and gravelly loams, being so named according as these earths severally preponderate. These lands contain in all cases a proportion of that nameless peculiar quality generally known as virgin soil or maiden, i. e., unexhausted earth.

Such soil is readily worked at all times, and is applicable to each and all styles of agriculture. If allowed to become overrun with weeds, they are easily extirpated; if impoverished by bad farming, it is easily and quickly ameliorated. A soil with such a character cannot but be coveted by every farmer.

We should therefore set before us a model a loam, and endeavour, whatever be the nature of our land, to bring it by a systematic course of culture as nearly to the form of loam as capital and circumstances will permit.

And yet of this soil to which we readily apply such encomiums, there is a variety of undoubted fertility and yet practically incapable of producing crops of good quality—the alluvial soils. These soils, black with vegetable and animal matter, seem to partake strongly of the nature of a hotbed. They force the crop so rapidly that it appears luxuriant to the eye, but in nutriment they are not equal to crops grown upon drier land.

Paradoxical as the saying may appear, these lands are too rich, and must be run out by quantity of crop at expense of quality.—*Canadian Farmer.*

TRANSPLANTING EVERGREENS.—Too late planting is the principal cause of failure. The growth of a newly planted evergreen is no just criterion of the hold that the roots have upon the ground, because all the elements of the shoots made this year are stored up during the previous summer in the buds, so that when transplanted the shoot will extend by force of the nutrition laid up in the buds, and not from the nutriment derived from the roots. If, however, the tree be transplanted early, the roots will have time to get good hold of the soil and develop perfect terminal buds for next year's growth; but if planted late, the amount of nutrition stored up in the terminal buds will be small, and the succeeding year's growth proportionately feeble.

In planting, the ground should be thoroughly packed about the roots, packed as tightly as possible; and then loose, friable earth thrown over the surface to prevent baking. Nothing is more fatal than to leave cavities under the roots, but so sift in and press down the soil that each and every root shall be brought in perfect contact with the earth.

The hay crop on Long Island, N. Y., is reported to be almost a total failure, by reason of dry weather, hot sun, and cold nights. This crop is a specialty with very many farmers on the island, the aggregate value of it being estimated at a million annually.

In many parts of the Western States, potate bugs are creating great consternation. The potato crop in several localities are reported as being in danger of utter destruction by these pests.

Scientific.

SPONGE, the use of which has hitherto been confined to the nursery and the bath, has been suddenly brought into a most important place in upholstery, and promises to become a staple article not only of commerce, but also of manufacture,—if we may use this word for the work of the little sponge-makers, which there is a talk of introducting to the U. S. rocky shores. The best quality of sponge is found on the coast of Syria. It is collected in the spring, before the larva is perfected, which takes place in the early summer. It is then placed in water in stone troughs. When the tiny creatures come to maturity they are washed out by the sea-water, which is allowed to flow freely through the sponge. "They then swim along by their vibrating hairs" and attach themselves to rocks which they consider the most desirable, and commence their work. It will, indeed be strange, if the demand for sponge forces us to bring these little workmen from Syria and the isles of the sea, and set them up in business for themselves in our own waters.

APPROPRIATE NAMES.—The following names are persons appropriate for the mentioned:

For an auctioneer's wife—Bid-dy.
For a general's wife—Sally.
For a sportsman's wife—Bet-ty.
For a fisherman's wife—Net-ty.
For a shoemaker's wife—Peg-gy.
For a teamster's wife—Car-rie.
For a lawyer's wife—Sue.
For a printer's wife—Em.
For a druggist's wife—Ann Eliza.
For a carpet man's wife—Mat-tie.

Mr. R H. WATON, of Norfolk, Va., has discovered an insect of the green spider family with a white crest on its head and with a singular resemblance to the human face. It has eyes, nose and mouth; even the nostrils, with every other facial feature, are plainly developed. It is the object of much curiosity. It may turn out that Mr. Darwin did not go back far enough yet, for his origin of man. The green spider may have been our ancestor.

To remove ink spots, put the article stained over a warm flat-iron, stretch it well, then squeeze a few drops of lemon juice on it, and the spot will disappear at once. Wash immediately in cold water.

The Princes Dora d'Istra is said to be the most learned woman in the world, reads and speaks fifteen languages, has written novels, historical, philosophical and philological works, is an honorary member of ten academies and learned societies, and is still said to be quite good looking.

"BRETHREN," said a speaker at a late missionary meeting, "I want you to turn your backs upon this board of missions—your green-backs, I mean, and, if you presume to speak to them, let it be in silver tones."

About the only person that we ever heard of that wasn't spoiled by being lionized, was a Jew named Daniel.

No man can avoid his own company so he had best make it as good as possible.

JOHN's wife and John were *tete-a-tete*:
She witty was, industrious he,
Says John: "I've earned the bread we've ate;"
"And I," says she, "have *urned* the tea."

HALL's *Journal of Health* says: "The old and young delight in warmth: it is to them the greatest luxury. Half the diseases of humanity would be swept from existence if the human body were kept comfortably warm all the time."

"WHAT flower of beauty shall I marry?" asked a young spendthrift of his miserly governor. To which the governor replied, with a grim smile, "Marigold."

A temperance editor, in drawing attention to an article against ardent spirits in one of his papers, says: "For the 'Effects of Intemperance' see our inside."

When a man has no design but to speak plain truth, he may say a great deal in a very narrow compass.—*Steele.*

MESSENGER ALMANACK.

AUGUST, 1871.

Last Quarter, August 8th, 0h. 9m. morning.
New Moon, " 16th, 2h. 47m. morning.
First Quarter, " 23rd, 7h. 21m. morning.
Full Moon, " 30th, 2h. 6m. morning.

D. M.	Day Wk	SUN. Rise	SUN. Sets	MOON. Rises	MOON. South	MOON. Sets	High Tide at Halifax
1	Tu.	4 49	7 23	8 31	0 25	4 58	7 44
2	W.	4 51	7 21	9 3	1 23	6 15	8 36
3	Th.	4 52	7 20	9 29	2 15	7 27	9 22
4	F.	4 53	7 19	9 53	3 4	8 39	10 4
5	Sa.	4 55	7 17	10 16	3 49	9 45	10 41
6	SU.	4 56	7 16	10 39	4 33	10 50	11 26
7	M.	4 57	7 15	11 3	5 16	11 53	A. 5
8	Tu.	4 58	7 14	11 32	5 59	A. 55	0 48
9	W.	4 59	7 12	morn	6 44	1 56	1 34
10	Th.	5 0	7 11	0 4	7 31	2 58	2 55
11	F.	5 1	7 9	0 40	8 18	3 56	3 43
12	Sa.	5 2	7 7	1 24	9 7	4 50	4 56
13	SU.	5 3	7 6	2 15	9 58	5 41	6 1
14	M.	5 4	7 5	3 13	10 49	6 25	6 53
15	Tu.	5 6	7 3	4 15	11 39	7 3	7 88
16	W.	5 7	7 1	5 21	A. 28	9 35	8 14
17	Th.	5 8	7 0	6 29	1 16	8 3	8 52
18	F.	5 9	6 58	7 37	2 3	8 29	9 25
19	Sa.	5 10	6 57	8 44	2 49	8 54	9 59
20	SU.	5 11	6 55	9 52	3 35	9 18	10 33
21	M.	5 12	6 54	11 5	4 25	9 45	11 11
22	Tu.	5 14	6 52	A. 19	5 17	10 15	11 55
23	W.	5 15	6 50	1 33	6 12	10 51	morn
24	Th.	5 16	6 49	2 46	7 9	11 32	0 41
25	F.	5 17	6 47	3 54	8 9	morn	1 36
26	Sa.	5 18	6 45	4 55	9 11	0 24	2 51
27	SU.	5 19	6 44	5 46	10 12	1 27	4 18
28	M.	5 21	6 42	6 26	11 9	2 38	5 42
29	Tu.	5 22	6 40	6 59	morn	3 52	6 45
30	W.	5 23	6 38	7 29	0 2	5 5	7 39
31	Th.	5 24	6 36	7 54	0 53	6 17	8 25

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Picton 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

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.

CHALONER'S ANILINE DYES.

THE proprietor of the celebrated Aniline Dyes in packets wishing to prevent the public from imposition begs to call attention to Messrs Avery & Brown's imitation of Roseine containing only ONE FOURTH THE PROPER QUANTITY to retail at the same price as his, viz., 10 cents. The proprietor has some one else in this province in view, but not having ocular demonstration, will only refer the imitation to the above with the caution that whenever there is not a shadow of a doubt in his favor he will be advertized also.

The only genuine are to be had in St. John, of Messrs. T. B. Barker & Sons, Hanington Bros., and H. L. Spencer, all of whom buy largely.

These Dyes give better satisfaction than any other class, they are in almost all colors. Magenta, Pink, Ponceau, Yellow, Mauve, Violet, Purple, &c., (no black), with directions.

The original have the directions printed on colored labels corresponding with the shade of the dye, they are soluble in water. For any further information on the subject,

ADDRESS,— J. CHALONER, Inventor and Proprietor of the Aniline Dyes in packets. Corner King and Germain Street, St. John, N. B.

May 10. 3m.

American Organs.

A New and Popular Series of Instruments.

The Manufacturers, desirous of meeting the general desire for organs with all substantial excellences and at a moderate price, have designed and made a series of styles that *are in all respects superior* to any instrument for similat prices; namely from $100 to $200.

Not only are the cases of new and tasteful designs, but every part of the mechanism has been subjected to the most careful scrutiny in order to *combine all the elements* that can be looked for.

Numbers One, Two and Three are designed for private use. Number Three has a new and exquisite Solo stop, named

THE KALOPHON.

The tone possesses a most fascinating quality, closely resembling the real VOX HUMANA, being delicate and sympathetic, and free from the disagreeable tremor that haunts most of the mis-called VOX HUMANA stops.

Numbers Four and Five will found especially effective in churches of moderate size.

Number Four has an Octave of Sub-bass, and Number Five both Sub-bass and an Octave Coupler, giving a great increase of power, but with no sacrifice of sweetness.

LARGER AND MORE COSTLY STYLES

are also offered, of which the catalogue of the manufacturers will give information. Send for circular! Address

The Smith American Organ Co.
BOSTON, MASS.

C. E. GATES.
AGENT FOR THE PROVINCE.
For sale in HALIFAX by S. SELDEN.
May 17.

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, Indposiion 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 Essence; 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,

DR. DAVIS has taken rooms at the LOVITT HOUSE, 68 Hollis Street, where he will remain until the 1st July next, and may be consulted daily from 11 a. m., to 6 p. m.

March 15.

Superior Pianos,

IN VARIOUS STYLES.

UPRIGHT, OBLIQUE, SQUARE, &c.

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.

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.

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