

Fredericton

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Correspondence.

RURAL TOPICS.

THE "ISLAND" VINEYARDS.

In Lake Erie, not far from Cleveland, Ohio, are several islands devoted almost entirely to grape culture. Kelley's island is the largest, and in the centre of the grape and wine vineyards are twenty years old, and are still healthy and productive. Without any fertilizers being used. This fact shows, at least, that some varieties of grapes do not require the soil's constant manuring. I doubt the feasibility of growing all varieties many years on any soil without manuring once in four or five years. On some of the islands where the soil is poorer than where no fertilizer has been used, the vines are not so good. In some places where the drainage is imperfect, and where there is not a free circulation of air, mildew often prevails. Sulphur is used by some of the vineyardists to prevent this disease, and with good results, while others do not believe in its use.

APPLE ORCHARDS.

When a farmer has a large orchard of apples, he had better plant them in the fall, before the ground freezes, and he will then find that the trees will not be so much injured by the winter frosts. In the spring, when the ground is again open, the trees should be examined, and if any are found to be injured, they should be pruned and the soil around them should be mounded up. It is also well to have the trees examined by a professional man, who will be able to tell you what is the best way to manage them. It is also well to have the trees examined by a professional man, who will be able to tell you what is the best way to manage them.

THE BRIGHTON ZEAL.

The Brighton Zeal says that "within the last week or two there have been three accidents from the use of machinery here. One of these accidents occurred in the neighborhood of the Brighton Zeal. The accident was caused by the use of a machine which was not properly guarded. The accident was caused by the use of a machine which was not properly guarded. The accident was caused by the use of a machine which was not properly guarded.

THE CROP OF POTATOES.

Many farmers have large crops of potatoes that cannot be sold readily. Now, what is to be done with them? Shall they be sold for what they will bring, or is it best to put them in the cellar? Or is it best to sell them in the fall? But if they cannot be sold, what other store them in your cellar or bury them in the field, and trust to your chance to be able to sell them during the winter around home, or forward them to a market early in the spring, where there is transportation by water in April. Canals are of little benefit to potato growers except in the fall as they are not open early enough in the spring. A great many potatoes can be sold in villages and large towns during the mild weather; and they must be sold before they sprout much. Potatoes are worth 25 cents a bushel to feed to stock—raw to cows and horses, and cooked with meal for swine.

Green Food.

Green food is essential to the well-being of poultry at all seasons of the year. When fowls are limited to confined quarters, they must be supplied to them artificially, to keep them in good health. In winter, there we can give them cabbage or chopped turnips and

potatoes from time to time; short, late dried hay (or rye) is very good for change; corn-stalk leaves, chopped fine, will suit with a relish. In early spring time, when the ground first softens from the frost, pasture stubs thrown into their pens will be voraciously eaten by them; and as soon as the new grass starts (unless they can have free access to the fields or lawn) they should be supplied with this excellent succulent daily. For young chickens, nothing is so beneficial and so grateful as to run upon the newly grown grass; and next to this indulgence they should have an ample supply of cut or pulled grass every day.

It should never be forgotten that one of the most important things to be observed towards keeping our fowls in good health is the regular supply of water. The water should be kept in a clean, cool place, and should be changed frequently. It is also well to have the water changed frequently.

Who are the Farmer's Friends?

Who but geology, chemistry, the quarry of the air, the water of the brook, the lightning of the cloud, the plough of the frost? Before he was born into the world, the sun of age ago had lit the field and heat, mellowed his land, decomposed the rocks, covered it with vegetable film, then with forests, and accumulated cubic acres of sphagnum, whose decay makes the soil of his meadow. The rocks crack like glass by unequal contraction to heat and cold, and flakes fall constantly into the soil. The tree can draw on the whole air, the whole earth, on the rolling plain, the plant, the tree, the all suction-pipe, imbibing from the ground by the roots from the air by the twigs, with the night. Take up a spindle or a book load of loam; who can guess what it holds? But a gardener knows that it is full of pebbles, full of oranges, and the drops in a few weeks will be ready to rise in the soil, and drop in its own rain, and by-and-by it has lifted into the air its full weight in golden fruit—Europe, and Asia. The winter's cold of some regions would render them as uninhabitable as the icy plains of that glittering fiction of modern man—the North Pole, the Paleocretaceous Sea.

Vegetable Mould.

The Gardener's Magazine, in its issue for the month of November, says:—As early in November as the leaves of the trees can be collected, they should be brought to the place, and dressed up there in the form of a hot-bed. This is the best way to manage them, and it is the best way to manage them. This is the best way to manage them, and it is the best way to manage them.

Water for Poultry.

The raising of ducklings is a very simple thing, if one only knew how. Whether hatched by duck or hen, they should not be allowed free access to a body of water till they are well advanced in the feathering process. They should also be under cover so fully as to be kept out of dew, grass and rain storms, as well as prevented from unlimited sporting in a pond of water; for if they once become thoroughly wet, especially their heads, necks and backs, it is almost certain that they will be seized with cramps; the symptoms of which are staggering and reeling about, flapping over backwards—in fact, acting like a drunken person. Death, however, soon relieves them from their misery, and in losing them we lose also the expense and trouble we have incurred on their account, and all through neglect or carelessness.—Ed.

potato starch is about 5 cents per pound, it follows that a bushel of potatoes being only 40 cents after being converted into starch, and the value of the total production of potato starch in the country is \$800,000 to \$2,200,000 per annum.

THE IMPORTANCE OF FIRE.—Unquestionably the most important discovery ever made by man was that of kindling and keeping up a fire. It permitted the geographical distribution of our species over a wider space; it rendered intellectual development possible.

What would be the result if the art of kindling and keeping up a fire were suddenly lost?

If we can have an answer to this question, we may perceive with some distinctness what it was that took place in consequence of the original discovery of that art. The geographical distribution of plants and animals depends altogether on the distribution of heat. A certain low degree of temperature limits the life of every species, and therefore fixes boundaries to the region in which it can exist. The organization of man is so delicate that throughout a large portion of what we call the temperate zone he could not withstand the rigor of winter. His individual powers of locomotion are so restricted that he could not become to any great extent an animal of passage. He has neither the flight of the bird nor the endurance of the buffalo. He could not, like them, pursue the northward journey of spring when the sun crossed the line, nor the southward journey of autumn when the sun recrossed it. The structure of his teeth and his digestive organs is such that he must carry his food with him. A pigeon can fill his crop with rice in California, and the human race could not do the same. The buffalo can find any grass he likes to eat in the prairies of the West.

A loss of the art in question means, then, practically an abandonment of the large portions of America, Europe, and Asia. The winter's cold of some regions would render them as uninhabitable as the icy plains of that glittering fiction of modern man—the North Pole, the Paleocretaceous Sea.

Planting Evergreens.

There is no better season than this month for planting evergreen trees. While there is yet growing power in the soil, the human race could not do the same. The buffalo can find any grass he likes to eat in the prairies of the West.

For transplanting, take up the young trees with the roots and roots as free from injury as possible, and do not let them become dry in any case till they are planted in the ground.

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reported that they devoured strawberries and vegetable marrow with great relish." It was at first hoped that the affair was a hoax, got up to fool agriculturalists' terrors; but a letter from Mr. George H. Grant, of Shrewsbury, just published, says that the beetles "are now in my brother-in-law's garden near Manchester," where they were placed on the 25th May, and where Mr. Grant had the gratification of finding some a week ago, when he carefully compared them with the published descriptions and likenesses of the Colorado beetle.

Poultry-Keeping by Boys.

It is one of the most promising indications of character when a boy shows a disposition to earn something. This desire to hold something in fee simple is the very opposite of tramping. Among boys, the enjoyment of buying, selling, and exchanging is very common. It is often gratified in the getting of knives, old watches and trinkets, and making exchanges with each other. Who does not remember wonderful Dicker and trade of his boyhood? It was only the beginning of a development, or rather a self-education. Parents and guardians should take an interest in it, not exercising a meddling interference, but inspiring confidence, so as to be able to cooperate, plan and watch the results.

The Bones of Monsters.

"Nature has borne strange children in her day," says Shakespeare, and he is not far wrong if we may judge from some recent discoveries in the rocks of our neighborhood. While exploring some rocks in the white sandstone bog back of the cretaceous period, near Morrison, New Creek—the same stratum as at Colorado Springs, a few yards west of Colorado City—we came suddenly upon a huge vertebral vertebra of a dinosaurian, which was lying as it were carved into a bed of sand. It was only the beginning of a development, or rather a self-education. Parents and guardians should take an interest in it, not exercising a meddling interference, but inspiring confidence, so as to be able to cooperate, plan and watch the results.

Domestic Fowls in their Offspring.

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to gorge themselves. There is a great deal in providing wholesome proper food for fowls; but there is almost as much in the manner of feeding it, and the habit of birds in eating such food.

Give them what they will eat up clean, only, at a time. Never permit them to get voraciously hungry, and we shall rarely be troubled with indigestion among the flocks, which is one of the prime sources from which spring subsequent disease and great fatality in the fowl-yard, when the real cause of such disasters is not appreciated, but is innocently and ignorantly attributed to any and every other sort of ailment, accident, or suspicious agency.—Poultry World.

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DR. HALLOCKS LUCINA CORDIAL. Or the EXILIR of LIFE. This is the only medicine...

Waltham Watches. ELGIN WATCHES. In Ladies and Gents' sizes.

Farm for Sale. (CONTAINING) about 20 acres...

Head Quarters. FOR GLASSWARE. 60 BARRINGTON ST.

S. OWEN. Queen Street, Fredericton, N. B.

GENERAL FIRE INSURANCE COMPANY OF NEW BRUNSWICK.

DAIRY RECEIVED. 10 BLS. Dairy and Table Salt...

FOR SALE. WINDING to the subscriber and being allowed for...

BUY MEADOW KING MOWER. JOHN W. WILSON.

FOR SALE. WHAT I have, BROWN BUILDING, situated on...

Valuable Property in Saint Mary's for Sale.

"ALLIANCE HOUSE" September 5, 1877. MILLER & EDGECOMBE'S reasons for offering their Stock...

Fredericton, September 10, 1877. In order to make room for Fall Goods, have determined to run off their present Stock...

Fredericton, September 10, 1877. fact the whole stock offered at a sacrifice for CASH ONLY.

WANT TO MAKE ROOM FOR FALL GOODS. MILLER & EDGECOMBE'S CLEARANCE SALE.

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COME! and see the ELEPHANT. Lottimer's Fashionable Shoe Store.

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BUSINESS CARDS. DENTAL NOTICE. JAS. A. McALLISTER, D.D.

S. S. BLACK, M.D. HOMOPATHIC PHYSICIAN & SURGEON.

W. WILSON, Attorney-At-Law Conveyancer.

BECKWITH & SEELY, Attorneys-at-Law, Notaries Public, etc.

WAVERLY HOUSE, FREDERICTON.

MRS. BEEK. THANKFUL for past patronage...

W. F. COLEMAN, M.D., M.R.C.S. ENG. Office, 25 GERRARD ST.

LONG'S HOTEL. Corner of King and York Streets.

J. CARLETON ALLEN, BARRISTER & ATTORNEY-AT-LAW.

Professional Co-partnership. THE undersigned have this day entered into...

HUGH McMONAGLE, Successor to King, King, King, King.

EDWARD CADWALLADER, Organist, Church Organist, and Vocal Musician.

E. N. FRESHMAN & BROS., Advertising Agents.

Cheap Millinery. Hats, Flowers, Feathers, Ribbons, Laces, and Millinery of every description...

Bargains in Clothing. Coats, Reeling Jackets, Pants and Vests, cleared off at extra low prices.

Patent Medicines. JUST RECEIVED. 100 BLS. Yellow Kilo Brand...

Notice of Sale. To JAMES CAMPBELL and WILLIAM CAMPBELL...

MISS LUGRIN. WILL receive a limited number of Pupils for the Fall Term...

THE C. W. WILLIAMS MANUFACTURING COMPANY. Established in Boston 1856...

FARM FOR SALE. 100 Acres of land, with a good house and outbuildings...

For Sale in F. ton. A large quantity of Horse Power for sale...

CLOTHS AND TWEEDS. GENTS' FURNISHING GOODS. Our Custom Department.

OLD MINE SYDNEY COAL. A large quantity of Sydney Coal...

Owen Sharkey's. Ladies' Dress Materials in great variety.

NEW STORE. Glass, Crockery Ware & Glass Ware.

Frm for Sale. 4,000 BLS. of Paper, all of which will compare favorably in price with the lowest in the city.

"Imperial Hall." I HAVE much pleasure in informing my customers...

SPECIAL NOTICE. DENTISTRY. Private Residence, 100 GERRARD ST.

Notice of Dissolution. THE Co-Partnership heretofore existing between...

Locks and Knobs. 6 CASES Door Locks and Knobs.

Grass Seed. 20 BUSHELS Grass Seed. Also 200 Bushels Carriage Clover Seed.

Plaster. 100 BARRELS Fresh Land Plaster.

THE C. W. WILLIAMS MANUFACTURING COMPANY. Established in Boston 1856...

PERFECTION MEANS SUCCESS. THE perfection and speed simplicity of the Williams Singer Sewing Machine...

RAILWAYS. Fredericton Railway! SUMMER ARRANGEMENT.

NEW BRUNSWICK RAILWAY. SUMMER ARRANGEMENT.

UNTIL further notice Trains will run as follows: 4.30 a. m. for Woodstock and Gibson...

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