The Christian Messenger.

HALIFAX, N. S., APRIL 15, 1874.

ALMANAC FOR APRIL

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 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 worning.

AGENTS WANTED.

COMETHING NEW and very Profitable O for Agents, no cheek required, everybody will welcome you to their Houses, they want the goods. Send for Circular to ROGERS & BLACK,

Amherst, Nova Scotia. Jan. 14. 3m. January 6th, 1874.

GARDEN AND FLOWER SEEDS.

Sent by Mail to all parts of the DOMINION.

QUR Chromo "The Little Florists." J a beautiful Parlor Picture, 17 x 22 inches, is sent free to all who favor us with orders to the amount of FIVE DOLLARS. Send for CATALOGUE, which we mail gratis to all who wish. CHASE BROTHERS & BOWMAN,

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our authorized Agent, Yarmouth, N. S. HUBBARD BROS., Pabs. 53 Washington street, Boston. Feb. 4.

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THE Subscriber begs respectfully to intimete to his Friends, and Public generally, that having fitted up his Establishment with the Latest and most Improved

Machinery. and having secured a STAFFOF SUPERIOR ARTIZANS, he is now in a position to manu-

BOOTS AND SHOES,

Which for VARIETY, QUALITY, STYLE, FINISH AND CHEAPNESS cannot be excelled by any goods offered in this market, whether Dominion, English or American.

BOOTS AND SHOES, at all Prices
BOOTS AND SHOES, in all sizes.
BOOTS AND SHOES made after the latest French, English and American designs. Examine for yourselves, compare with other Goods, and if found worthy, encourage Home Manufactures.

WHOLESALE BUYERS Will find our Terms Libers I, and we assure

them that their interests will receive our best GEORGE S. YATES. Halifax, N. S., April 24, 1871.

Scientific.

SUDDEN WARMING .- A very dangerous, yet a very common winter practice, is that of suddenly warming when very cold. We frequently read insthe papers of little children falling | cleaning now. down dead on suddenly going to the heated stove after a long, cold walk. Others are often injured seriously who have no guess at the true cause of the difficulty. Every intelligent person knows that a frozen limb will become dead flesh if suddenly warmed. The temperature must be raised very slowly. The limb must be put into cold instead of warm water, or rubbed with snow. When limbs are half frozen, they cannot resist the injurious effect of sudden warming. Convulsions in children occasionally occur; many more are made suddenly faint and sick without knowing the cause; the eye sight is often particularly affected, and people call it "snow-blindness." All skin difficulties are greatly aggravated by sudden warming, and sometimes very painful ones are induced. It is generally thought that chilblains are caused by the severe cold, but the true cause is sudden warming after they have been very cold. It seems as if this distressing malady was largely on the increase -even very little children suffer from it. Too great care cannot be taken in this matter of warming cold teet slowly, and by friction rather than putting them near fire. Sulden warming too, makes the whole system so subject to cold for a long time afterward that extra garments are always needed, and then the frame shivers in what was once a very comfortable temperature. Physicians have observed this in their pear trees. own cases, and say that they have sometimes suffered in this way for years from a single such act of imprudence. Use proper precaution on your own part, and watch carefully over your children, who, of course, follow their natural impulse to rush to the fire when very cold.—Country Gentle-

FECUNDITY OF FISHES.—It is said that probably about 60,000,000 or 70-000,000 surround the shores of Newfoundland. But even that quntity seems small when we consider that the cod yields something like 3,500,000 eggs each season and that even 8,000,-000 have been found in the roe of a single cod! Other fish, though not equaling the cod are also wonderfully productive. A herring six or seven ounces in weight is provided with about 30,000 ova. After making all reasonable allowances for the destruction of eggs and of the young, it has been calculated that in three years a single pair of herring would produce 154,000,000. Buffon said that if a pair of herrings were left to breed and multiply undisturbed for a period of twenty years, they would yield a fish bulk equal to the globe on which we live. The cod far surpasses the herring in fecundity. Were it not that vast numbers of eggs are destroyed, fishes would so multiply as to fill the waters completely.—Scientific American.

RAPID CURE FOR CATARRH. -- According to Hamilton, the severest catarrhal cold can be removed in about ten hours by a mixture of carbolic acid 10 drops, tincture of iodine and chloroform each 7,5 drops. A few drops of the mixture should be heated over a spirit lamp, in a test-tube, the most of which should be applied to the nostrils as soon as volatilization is effected. The operation should be repeated in about two minutes, when after the patient sneezes a number of times, the troublesome symptoms rapidly dis-

"THE POOR MAN'S FILTER," consists of a common garden flower pot, o some 9 inches in diameter and 10 inches depth. The drainage hole is stopped (not too tightly) with a piece of clean sponge. A layer of about two inches of animal charcoal is first placed in the pot, then a second layer of clean sand, upon which a layer of 3 inches of clean coarse gravel is placed. The pot can be set over an earthern jar, into which an abundant supply of pure water will filter for all drinking pur-

After a wooden pulley is turned and rubbed smooth, boil it for about eight minutes in olive oil: then allow it to dry, after which it will ultimately become almost hard as copper.

Can an edifice that weighs two hundred and fifty tons be properly called a light-house.

Agricultural.

EARLY SPRING WORK.

STABLES.—If stables have not been kept clean they should have a thorough

Manures not turned and composted Without plenty of manure, in the right condition, little profit may be looked for from the farm.

ANIMALS need great care this month. Hay and other fodder should be cut with a horse-power machine, salted at the rate of about two quarts to the tou and stored for future use. Mouldy fodder is greatly improved by being steamed .- Pen and Plow.

on it. The fickle weather of this is dependent upon the number of field sudden and unexpected, pleasant sun- fewer mice, the more bees. shine in the morning, followed by a The visits of bees are necessary north-easter in the evening, requires the to the fertilization of some kinds of herdsmen.

stock are very tender, and feel the to this month.

GRAFTING -Cherry and Plum trees

PRUNING.—Continue to prune while vegetation is dormant, taking care to cover all large cuts with melted grafting wax, shellac varnish or paint. A good mixture for grafting wax is with mare expeditiously when laying drone three parts beeswax, three parts rosin, eggs. - Am. Bee. Journal. and two parts tallow; melt and mix the whole well together.

EARLY PLANTS.—The simplest way of securing early plants, where but a few are required, is to start them in window-boxes. These ought to be three or four inches deep and filled to within half an inch of the top with fine light, rich garden soil. For raising plants largely, of course they must be sown in a hot-bed.

Hor. BEDS .- This month will be the proper season for making hot-beds. Select a dry sheltered spot, with a southern exposure if possible, and dig a pit of the required size to a depth of eighteen inches to two feet; this pit ought to be at least a foot wider and longer than the frame used, and be boarded up with any old boards. Fill with horse manure to the height of at least six inches above the surface of the ground, tramping it down firmly. Make the frame of inch hemlock boards two feet high at the back and one foot | Cornwallis-J. E. Lockwood. in front. After the manure has been | Do., put in place a layer of three to six inches of good, light and rich garden soil on the manure. Bank up with earth around it; put the sashes on and let them remain for two or three days, or until the heat is reduced to about 90 deg., when the seeds may be sown. Sashes are usually 6x3 feet, but other sizes will answer. During cold nights cover with mats or shutters to keep the plants from freezing.

way as hot-beds, except that no manure is used; the frame is put upon a spot where the soil is rich and carefully prepared. Stir the soil often until it is thoroughly warmed by the heat of the New Germany-Adam E. Durland. sun, covering at night to retain the warmth, and then sow the seeds of such plants as do not require strong heat, such as cabbage, lettuce, ctc.

BEETS may be sown as soon as the frost is out of the ground, as they will bear consiberable cold after they have been planted. Sow thickly in hills one the best dark early sort, Bassano, light colored, but early; Long Blood, late.

FRUIT GARDEN.—Raspberries.—Set as early as the ground will allow, in rows from four to six feet apart, according to the variety. If the old canes were not cut away in the fall, remove now, before the new growth commences.

Currants.-Make cuttings of such varieties as are wanted, and plant four Do., inches asunder in rows two feet apart, taking care to press the earth firmly around the base of the cutting.

Strawberries.-Plant out new beds and remove all runners not wanted for planting from the old beds. Set the East Point, P. E. 1.—Wm. M. McVane.

plants in rows two feet apart, and eighteen inches in the sows. Mulch with leaves or cut straw to keep the 150 GRANVILLE STREET newly-planted beds from drying out during the Summer, and upon cld beds to promote growth and keep the fruit clean. Use well rotted manure before setting out plants.

FLOWER GARDEN. - Annuals. - Sow should have immediate attention. in hot-beds of window-boxes that there may be plenty of young plants to use in planting the borders.

Perennials grow better if divided at least, once in three years. Attend to this as early as possible before growth commences. If the soil is not already rich, make it so by adding plenty of fine manure.

BEE NOTES .- The number of hum-The American Stock Journal says; ble bees in the country will depend "Those having the care of farm stock upon the number of cats! How can should ever have a watchful eye that be? Because the number of bees month-some days balmy and pleasant, mice, which eat the bees. Hence-the others cold and stormy, the changes more cats, the fewer mice; and the

greatest watchfulness on the part of clover, and almost indispensable to the fertilization of the heartsease, for these "The sunshine at this season is bees do not visit the flower. Humble very grateful to the animal system and bees alone visit red clover as other highly conducive to health; but the bees cannot reach the nectar. In a adverse changes are very injurious and word-no bees, no seed; no seed, no should be guarded against by housing increase of the flower. The more visits or sheltering stock whenever they oc- from bees, the more seeds from the cur. Having been stabled all Winter flower, the more flowers from the seeds.

Twenty heads of unprotected Dutch effect of such storms as we are subject | clover yields 2,990 seeds. The same number protected from bees produced not one seed; 100 heads of unprotected should be grafted earlier than apple and | red clover yielded 2,700, and the same number protected from bees not a seed.

Dzierzon watched a queen bee when laying, and noticed that she laid eighteen worker eggs in three minutes She appeared to dispatch business still

The most complete check upon robbing bees is to place a bunch of grass or wet hay over the entrance to the hive. The bees will find their way to the entrance of their own hive the robbers will be caught by the sentinels in passing through the grass, and soon cease their pilfering.

Agents for the Christian Messenger.

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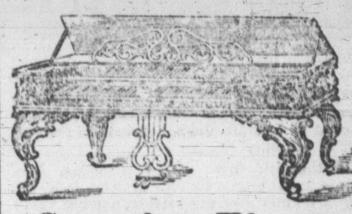
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