(Halifax time.)

WILL ARRIVE :-

At 9.162 a. m. - Accommodation from

At 1.56 p. m., -Express from Quebec and

Railway.

Commencing 4th Dec., 1879.

GOING WEST.

GOING EAST.

45 Windsor.

71 Kentville,

83 Berwick.

02 Middleton.

30' Annapolis.

|St. John,

St. John,

Annapolis,

47 Berwick.

59 Kentville,

66 Wolfville.

84 Windsor,

arrival of train.

130 Halifax

Halifax Leave 7 30

Winter Arrangement,

10 24 11 30 6 53

P.M.

A.M. A. M. A.M

6 40 12 00 5 10

07 12 30 5 31

P.M.

Arrive 10 45 12 00 7 15

111 32; 1 18

Leave 11 00 12 30

12 20

Arrive 1 45

do | 7 30

Leave

Leave

Arrive

Steamer "Scudd" leaves St. John every

Trains leave Digby for Yarmouth daily

at 4.30 p. m., and Yarmouth for Digby,

HALIFAX and CAPE BRETON

RAILWAY.

Leaves Antigonish at 9 a.m., and New

Monday, Wednesday and Saturday for Annapolis, and returns the same day on

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from St. John. At 8.30 p. m.-Express from St. John, and

Pictou.

Dec. 3, 1879.

The Messenger Almanac.

Wh.	82	M	E33	WIT	53	231	13	
祖籍	352	思)	E		53	B. J	25.	a

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Last Quarter, Dec. 6th, 3h. 29m. A.	
Last Quarter, Dec. 6th, 3h. 29m. A. New Moon, "13th, 6h. 50m. M. First Quarter, "20th, 7h. 2m. M. Full Moon, "28th, 0h. 2m. A. Day SUN. MOON. High T.	
First Quarter, 20th, 7h. 2m. M.	
Full Moon, 20th, Oh. 21th. A.	-
Day SUN. MOON. High Ti	iae
W . Rise. Sets. Rises. South. Sets. at Halif	ax
1 M., 7 22 4 17 6 55 1 40 9 25 8 57	
2 Tu. 7 23 4 16 7 59 2 30 10 5 9 31	
3 W. 7 24 4 16 9 4 3 18 10 37 10 8	
4 Th. 7 25 4 16 10 10 4 4 11 4 10 44 5 Fr., 7 26 4 16 11 17 4 50 11 30 11 23	
5 Fr., 7 26 4 16 11 17 4 50 11 30 11 28 6 Sa., 7 27 4 15 M 5 35 11 53 A.	
7 Sn 7 98 4 15 0 95 6 90 A 15 1 9	
8 M. 7 29 4 15 1 40 7 10 0 40 2 9)
9 Tu. 7 30 4 15 2 55 8 1 1 7 3 11	
0 W . 1 31 4 15 4 14 8 51 1 40 4 17	
11 Th. 7 32 4 15 5 32 9 56 2 20 5 22	
12 Fr . 7 33 4 15 6 48 10 0 3 12 6 20 13 Sa . 7 34 4 15 7 56 A. 6 4 16 7 16	
13 Sa. 7 34 4 15 7 56 A. 6 4 16 7 16	
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17 W 7 37 4 16 10 39 3 57 9 15 #10 38	
18 Th. 7 37 4 16 11 2 4 43 10 24 11 23 19 Fr 7 38 4 17 11 24 5 27 11 30 M	
19 Fr., 7 38 4 17 11 24 5 27 11 30 M	
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30 Tu. 7 42 4 24 6 55 1 16 8 41 8 44	
31 W . 7 42 4 25 8 3 2 2 9 9 9 9 19	
m	-
THE TIDES.—The column of the Moon	S

Southing gives the time of high water a Parrsboro, Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro. High water at Pictou and Cape Tormen-

tine, 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, Newfound land, 20 minutes EARLIER, than at Halifax. At Charlottetown, 2 hours 56 minutes took out with me six pair of birds. LATER. A Westport, 2 hours 54 minutes LATER. A Yarmouth, 2 hours 20 minutes

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

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of rising next morning.

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Scripture Catechism, \$6.00 per 100. CHRISTIAN MESSENGER OFFICE, No. 69 & 71 Granville St., Halifax. April 15.

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SCIENCE.

MEDICAL USES OF THE CARRIER PIGEON .- Dr. Harvey J. Philpot, in a letter to the London Daily Telegraph, writes as follows:

"I have made valuable use of the carrier or homing pigeon as an auxiliary to my practice. So easily are these winged 'unqualified assistants' reared in the pots at once, and placed in by the profession I belong to. My modus operandi is simply this. I take out half a dozen birds, massed together rounds, and when I have seen my patient, no matter at what distance from home, I write my prescription on a small piece of tissue paper, and having wound it round the shank of the bird's leg I gently throw the carrier up into the air. In a few minutes it reaches home, and, having been shut up fasting since the previous evening, without much delay it enters the trap cage connected with its loft, where it is at once caught by my gardener or dispenser, who knows pretty well the time for its arrival, and relieves it of its dispatches. The medicine is immediately prepared and sent off by the messenger, who is thus saved several hours of waiting, and I am enabled to complete my morning round of visits. Should any patient be very ill, and I am desirous of having an early report of him or her next morning. I leave a bird to bring me the tidings. A short time since sent a pair of them off from each village I had occasion to visit, every other one ivy, etc., are useful for this purpose. FOR THE LENGTH OF THE DAY .- Add 12 bearing a prescription. Upon my rehours to the time of the sun's setting, and turn I found all the prescriptions arranged on my desk by my dispenser, give a supply for cutting. who had already madeup the medicines."

> Up to the present time no opportunity has been found to see the blood of a human being in its living condition, the evidence of its circulation being only circumstantial. Dr. C. Huter, of Griefswald, has just published an account of a very simple arrangement, which he has invented, by which it is now possible to witness the actual flow of the blood-vessels of another person. It is simply by drawing out the lower lip and so fixing it that by means of a microscope and strong lights the movement of the blood stream, in the corkscrew-like capillaries of delicate network of vessels there, may be easily seen. It is expected that this discovery will be of great advantage in the detection of disease. If the rough and ready method of ascertaining the movement of the blood by means of the pulse is of so much service to the physician, much more will be the impor-

flower-piece on the table in front of the tion at the smallest possible cost .platform, in a very unnoticeable position. The speaker pays no attention to it, yet every word he utters in the auditorium is feasily heard with entire distinctness in the rooms of the dwelling which the wires reach.

THE HOUSEHOLD.

Chlorate of potash, which is a tasteloss substance, looking like rock salt, is the best antidote to bad breath. Let a crystal dissolve in the mouth frequently through the day.

STOVE POLISH.—The best black ink mixed with the whites of eggs, makes a good stove polish.

Soot.—In taking down or putting up stove pipes, and often from open chimneys, soot will fall on the carpet. If you cover such places thickly with salt, the soot can be brushed up without damage to the carpet.

TREATMENT OF COLIC.—Phares' method consists in inversion-simply Colic of sevaral days' duration has of nearly all the congregation." been relieved by this means in a few minutes .- Jour, des Sci, Med.

JAPANNED WARE .- Do not pour boiling water over tea-trays, particularly if japanned, as it will make the varnish crack and peel off. Wet a sponge then wipe off with a soft cloth. If a pail of water on the head and run one tray becomes spotted, take a bit of hundred yards, the man spilling least woollen cloth and dip into a little sweet | water winning. oil, and rub as hard as possible, and the marks (if effaceable) will disappear.

of attention:

Bulbs may be grown in sand, moss, or in water; but rich soil in pots is the best medium. The bulbs should be put and trained that I am surprised they dark, cool room or cellar for several have not been brought into general use | weeks to form good strong roots. Water if needed.

Plants from the garden should have a period of rest, with very little water; in a small basket, with me on my those to be forced, as perennial candytuft, deutzia, dicentra, and others, may

Water .- This is an important point of successful plant culture. The pots should be provided with proper drainage by putting in a plenty of broken pieces of pots or oyster shells. A good thorough wetting when water is needed is better than keeping the surface moist by frequently pouring on a little water. With good drainage, there is but little risk from over-water. In watering in rooms, use water of the temperature the air.

Hanging baskets should be hung where they can have an abundance of light and sunshine, and not near a stove or over a register. They should be turned around every day or so, if the light comes mostly from one side, or the plants grow to one side.

ty of a green-house or window. English ivy, tropæolum, German or parlo

Annuals .- Sweet alyssum and mignonette should be sown in succession to

Insects.—If found on the plants in the house, they should be destroyed at once by means of tobacco-water or soapsuds. An old tooth-brush may be used on hard-wooded plants. Crush the mealy bug by the use of a small pointed stick of soft wood, or give it a drop of alcohol from a small brush.

FOOD FOR DIARY COWS .- One of the most important requisites is proper feeding. There is a golden mean between two extremes which applies to the difference between high and low feeding. Good dairymen in this vicinity find that three pints of meal, with about all that can be daily and profitably fed to the average cow. Such accessions as pumkins, small potatoes, and the like, may, in part, take the place of other feed, and at smaller cost. Corn fodder, bean vines, and similar food are valuable, and if given in moderate A telephone has recently been placed in a Presbyterian Church in Mansfield, O., the wires leading to the house of several aged and invalid persons. The guantities will be taken up clean. In fine, the difference between a profit and a loss in dairying consists in feeding in the U.S. Patent Office, and especially to our clients in every State of the Union and in Canada. For special references, terms, advice &c. Address. telephone, we are told, surmounts a terials as shall induce a paying produc-American Cultivator.

VARIETES.

A good story is told about an estimable Quaker lady who keeps a boardinghouse. As everybody knows, the Friends are won't to speak of people without prefixing titles. Elizabeth Hussey has had so many boarders that she has been obliged to lodge them out at other houses, belonging to Messrs. Bates, Coffin and Folger. Recently a party consisting of a dozen or so Baltimorto this lady's, arrived and at once repaired to her residence.

"I can give thee all board," said she to the Marylanders, "but thee must sleep in Coffin's."

"What !" cried the amazed spokes-

"That is the best I can do for thee; and if thee don't like it thee can go elsewhere."

And the indignant visitors went.

A paper in the neighborhood of Rochester, N. Y., advertizes a church-pew in turning the patent upside down. for sale, "commanding a beautiful view

> If you are a quiet peaceable man you had better risk robbing a bumblebee's nest rather than undertake to criticise a country church choir.

Among the sports in the North-West is the bucket of water race, in which in warm water and dampen it over; the contestants had to start with a full

The wheels of a clock always travel

AGRICULTURE.

GREENHOUSE AND WINDOW PLANTS. -The following suggestions offered by the American Agriculturist, are worthy

remain in a cool cellar until mid-winter.

Climbers add very much to the beau-

the same of shorts, or a mixed feed of attended to. corn and oatmeal, with shorts, to the amount of three quarts, and from six to eight quarts of roots, with a moderate quantity of good early cut hay, is

attended to.

INVENTIONS THAT HAVE BEEN REJECTED may still, in most cases, be patented by us. Being opposite the U.S. Patent Office, and engaged in PATENT BUSINESS EXCLUSIVELY, we can who must depend upon the mails in all transactions with the Patent Office.

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OPPOSITE PATENT OFFICE, July 23. WASHINGTON, D. C.

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Parsons' Purgative Pills make New Rich Blood

and will completely change the blood in the entire sys-tem in three months. Any person who will take I pill each night from I to 12 weeks may be restored to sound health, if such a thing be possible. Sent by mail for 8 letter stamps. I. S. JOHNSON & CO., Bangor, Me.

travelling in this country, says that most of the Horse and Cattle Powders sold here are worthless trash. He says that Sheridan's Condition Powders are absolutely pure and immensely valuable. Nothing on earth will make hens lay like Sheridan's Condition Powders. Doze one teaspoonful to one pint food.

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CCC a week in your own town. Terms 00 and \$5 outfit free. Address H. HALLETT & Co., Portland, Maine. May 28, '79. 1 yr."

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youthful color. It removes all eruptions, itching and dandruff. It gives the head a

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vigor, preventing baldness, and making the hair grow thick and strong. As a dressing, nothing has been found so effectual or desirable.

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This elegant preparation may be relied on to change the color of the beard from gray or any other undesirable shade, to brown or black, at discretion. It is easily applied, being in one preparation, and quickly and effectually produces a permanent color, which will neither rub nor wash off.

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