The Messenger Almanac. OCTOBER.

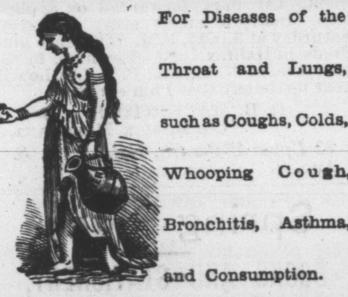
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THE TIDES.—The column of the Moon' Southing gives the time of high water at Parrsboro, Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes LATER than at Halifax. At Annapolis, St. John, N.B., utes LATER, and at St. John's, Newfoundland, 20 minutes EARLIER, than at Halifax. At Charlottetown, 2 hours 56 minutes LATER. A Yarmouth, 2 hours 20 minutes LATER.

hours to the time of the sun's setting, and in their numbers. 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.

Ayer's



For Diseases of the Throat and Lungs,

Whooping Cough,

Bronchitis, Asthma,

and Consumption.

The reputation it has attained, in consequence of the marvellous cures it has produced during the last half century, is a sufficient assurance to the public that it will continue to realize the happiest results that can be desired. In almost every section of country there are persons, publicly known, who have been restored from alarming and even desperate diseases of the lungs, by its use. All who have tried it, acknowledge its superiority; and where its virtues are known, no one hesitates as to what medicine to employ to relieve the distress and suffering peculiar to pulmonary affections. CHERRY PECTORAL always affords instant relief, and performs rapid cures of the milder varieties of bronchial disorder, as well as the more formidable diseases of the lungs.

As a safeguard to children, amid the distress ing diseases which beset the Throat and Chest of Childhood, it is invaluable; for, by its timely use multitudes are rescued and restored to health.

This medicine gains friends at every trial, as the cures it is constantly producing are too remarkable to be forgotten. No family should be without it, and those who have once used it

Eminent Physicians throughout the country prescribe it, and Clergymen often recommend it from their knowledge of its effects.

PREPARED BY Dr. J. C. AYER & CO., Lowell, Mass., Practical and Analytical Chemists. SOLD BY ALL DRUGGISTS EVERYWHERE BROWN & WEBB, Halifax,

Wholesale Agents,

Just Published.

Dec. 11. ly.

BY PROFESSOR LAWSON, Ph. D., &c

A. & W. Mackinlay,

Publishers. May 12.

AGENTS For the Pictorial Bible Commentator

WANTED The most complete and comprehensive complete and comprehensive complete and comprehensive complete and comprehensive comp BRADLEY, GARBETSON & Co., Brantford, Ontario. Oct. 22. lyr.

JUST PUBLISHED—SENT FREE. Complete History of Wall Street Finance, containing valuable information for investors. Address Baxter & Co., Publishers, 7 Wall St. New York.

Oct. 8, '79. \$72 A WEEK. \$12 a day at home Costly Outfit free. Address TRUE & Co., Augusta, Maine.

*Sept. 29, 1880.

THE FARM.

ly weak in the back and hind legs; this the branches of the tree also. Someis occasioned by feeding them largely on | times the branches, where the roots are fat-producing matter, and too little of few and have been injured in taking up, bone and muscle material. Pigs fed should be severely shortened to save with a certain portion of shorts will the life of the tree. - Germantown Telerarely be found weak in either back or legs. Shorts contain large percentage of phosphate of lime.

GARDEN SLUGS .- The plan of using bran to trap slugs is, probably, the best of any yet tried. The slugs are very fond of it. In the words of an English in time of danger has just been everywhere among the flower borders Blackford thought she must have of soil. This I do about twilight, and bunkers, in a school of which she was seem instantaneous. As it took some mother's capacious stomach. little time picking them up from the soil, I hit upon the plan of laying down small pieces of broken slate, three inches or four inches square, and placing the bait in the centre. This enables the whole to be litted up, and the slugs and Portland Maine, 3 hours and 25 min- swept off at once into the water. On going round to gather up the slates the following morning I found many LATER. A Westport, 2 hours 54 minutes more hiding under them. By keeping persistently to this plan for some weeks, FOR THE LENGTH OF THE DAY.—Add 12 I have produced a sensible diminution

> necessary in training oxen," said Mr. volcanic masses. Through the black, White, who trained the yoke of oxen motiouless water of these abysses, move on exhibition through the country, "is gigantic creatures, which never rise kindness, then patience. I began in November last, not knowing whether I could get them taught in time for this season or at all, but I soon found them so tractable that my hopes began to be raised. It took me just a day to lea: n that it wasn't necessary to strike a blow or speak a word. The farmers who go along shouting at their oxen and goading them waste their breath and strength. A dozen yoke of oxen could be taught to draw a load a hundred miles without a word or blow. It is only necessary that the farmer should lead to show the direction, and the beasts, if they have been kindly treated and have an affection for their master, will do the rest. These oxen were trained by uniform kindness. A series of tricks in regular order was fixed upon, and I put them through every day. I was with them nearly all the time, and they followed me like two pet kittens. There was a ring in the stables where I taught them day by day. First with food in my hands, I got them to follow me around the ring in any direction I chose to take. In this way I got them to go along on their knees, and to waltz. What they knew when I got them had practically to be untaught, as it was all done by 'gee' and 'haw.' found they were quick of sight, and that having taught them certain things, 1 needed after that to simply get where they could see me, and to give them a cue by the motion of my body or my whip in a certain direction. In this way the waltz was taught, and when they go around the ring on their knees I keep ahead of them and they follow

TIME FOR TRANSPLANTING .- We have two or three inquiries now before us as to whether spring or fall is the best time to set out trees. We can't tell how often we have treated on this subject, but it is natural that the question should continue to be asked, as young men grow up, marry, and either go to farming or in other ways possess land and desire information as to what fruit trees to plant and when to plant them. In a very few words we would say that there is not much choice in the seasons. If the soil is naturally moist, spring is probably to be preferred for ly and pour over hot vinegar spiced with setting out; if dry, fall. If the trees cloves, cinnamon and allspice. A teaare large early fall should be chosen, and as soon as the trees are done growing and the leaves begin to drop. In both cases the trees should be taken out of the ground carefully and with as many of the small roots as possible, and be planted as soon after as possible, before the roots become dry. To prevent this becoming so they should be well covered, kept out of the sun in transplanting, and "heeled-in" or buried and liberally watered as soon as they arrive until ready for planting. The hole should be large enough to receive | cold water. About one part of the all the roots carefully spread out, and former to three-parts of the latter.

the ground put about them should be fine and rich. If the roots are too big Pigs when fatted rapidly are frequent- they should be somewhat pruned, and

SCIENCE.

An interesting confirmation of the "fish story" that young sharks take refuge in the stomach of their mother gardener, " They seem to scent it from furnished. A female shark nearly afar, and troop to it from every lurking- seven feet long was caught recently place round about." For weeks past off Great Neck, L. I., and sent to Mr. I have placed little heaps of it (about | E. G. Blackford, of New York. From a small teaspoonful) anywhere and the immense size of her stomach, Mr. and rockwork, on every vacant space swallowed a barrel or two of mossthen two or three hours after dark I caught. But on opening her, he found go out with a light and pail containing | ten little sharks, all just two feet long some salt and water. I have found as and about six months old. The little many as from twenty to thirty on a ones were perfectly sound, and there a heap, which are gathered up and seems no reason to doubt that they had thrown into the salt water. Death sought safety from some peril in their

THE OCEAN FLOOR .- The Atlantic, we are told, if drained, would be a vast plain, with a mountain ridge in the middle, running parallel with our coast. Another range crosses it from Newfoundland to Ireland, on top of which runs a submarine cable. The ocean is thus divided into three great basins. The tops of these sea mountains are two miles below a sailing ship, and the basins are 15 miles deep. The mountains are whitened for thousands of miles by a tiny, creamy shell. The TRAINING OXEN .- "The first thing depths are red in color, heaped with to upper currents.

> LEMON SYRUP.- To every pint of juice add one pound and a quarter of white sugar. Simmer until clear, then cool and bottle, corking tightly.

THE HOUSE.

Here is a method for cooking eggs to make sandwiches, far nicer than the usual way of carrying cold boiled eggs to a picnic or an excursion. Put butter into a narrow and rather deep cake tin, let it soften, but not melt too much; break in a dozen or more fresh eggs, salting and peppering as one likes; when they are all in, (take care in breaking that the yolks do not break) salt and pepper the top and put a tablespoonful of butter cut in small pieces over it. Put in a hot oven for about twenty minutes. Set away to cool, turn out when cold and cut in slices, putting them between thin slices of buttered bread. They are very nice. Eggs cooked in this way, hot, for a breakfast dish, are a nice change from boiled eggs and omelets.

Сноw-сноw.—One dozen half ripe musk melons, one dozen seed cucumbers, one dozen green tomatoes. one pint of finely chopped horse-radish, one-fourth pound of mustard seed, one fourth pound of ground mustard, two tablespoonfuls of salt, one tablespoonful of French curry powder, one red pepper. one green pepper, three quarts cider vinegar, and one and one half cups of brown sugar. Cut melons, cucumbers and tomatoes into small dice, after peeling and seeding. Then cook all together three fourths of an hour, except the radish and curry. Bottle hot. This makes seven quarts.

PICCALILLY .-- Fifty small cucumbers, one large white cabbage, half a peck of green tomatoes, two quarts of small string beans, one dozen pieces of celery, three green peppers, four red peppers -seed taken out-two heads of cauliflower. Chop all quite fine and soak over night in strong salt and water. In the morning, wash well, drain thoroughcupful of grated horseradish may be added to the mixture if liked. In twenty-four hours, turn off the vinegar, scald, skim and return to the pickles. Repeat three or four times if left like common pickles, or seal air tight while hot at the second scalding. Pure cider vinegar should be used and the vegetables must be fresh.

To tighten and strengthen the gums, wash the mouth three or four times a week with a little tincture of myrrh in

To Architects, Builders and Others.

BROKENSHIRE'S PATENT MINERAL

FIRE-PROOF ROOFING

-AND COMPOSITION FOR-

Paths, Sidewalks and Cellar Floors!

TENT MINERAL FIRE-PROOF ROOFING.

There is an old saying that "necessity is the mother of invention," and perhaps nothing is felt, as a want, by our Builders and Architects, more than a good Material to cover flat roofs, and one that dependence can be placed in. It must be one that will be proof against fire and water, and one that will neither crack with the frost of winter nor run with the heat of summer. These faults have been found with other Roofing Materials, and have been the cause of much annoyance as well as serious expense.

A material to meet these shortcomings has been invented and patented by Mr. JOHN BROKENSHIRE, of Kingston, Ont., who has succeeded in introducing it extensively in that locality; and wherever it has been used it has given the greatest

satisfaction. This roofing is pronounced by competent judges to be "far superior to anything yet discovered for SAFETY and DURABILITY, being perfectly safe from sparks or blazing shingles, and quite impervious to winter frost or summer heat." · PATHS, SIDEWALKS and CELLAR FLOORS made of this Composition become

hard and durable almost as iron, and proof against atmospheric influences. The undersigned is now prepared to show samples of the Roofing, and to receive and attend to orders for spring and summer operations.

The Prepared Roofing and Composition may be had in barrels, and sent to any part of the Province, together with full directions for use.

The most Perfect Satisfaction Guaranteed! Price and full particulars and testimonials on application to

GEO. FRASER. Agent for the Maritime Provinces and Newfoundland,

INTERCOLONIAL RAILWAY.

Bedford Row, Halifax, July 1st, 1880.

SUMMER ARRANGEMENT.

TRAINS leave Halifax daily (Sunday L excepted) as follows: (Halifax time.)

At 8.25 a. m.—Express for St. John, Pictou, and intermediate places. At 12.15 p.m. - Accommodation for Pictou. At 5.30 p. m.-Accommodation for Truro. At 6.45 p. m.—Express for St. John and

WILL ARRIVE :-At 9.45. a. m. - Accommodation from At 10.45 a. m., -Express from Quebec and from St. John. At 2.50 p. m.—Accommodation from Pic-

At 7.45 p. m. - Express from St. John. June 8, 1880.

Windsor and Annapolis Railway.

Summer Arrangement, For Halifax Time add 16 minutes.

Miles.	GOING WEST	Express D	Freight, Mon.	Pass. & Frgt.	(I
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Miles.	GOING EAST.	Pass. and Freight	Pass. and Freight Tuesday, Thursday and Saturdays only.	Express Daily.	
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84	Windsor,	Arrive	8	20	1	15		
	Halifax	Arrive	111	00	4	30	8	1
8	Steamer " Em	oress" les	ave	8 S	t. Jo	ado	ev	er

Monday, Wednesday and Friday for Digby and Annapolis, and leaves Annapolis on arrival of Express Train from Halifax at 1.40 p. m. every Tuesday, Thursday and Saturday for Digby and St. John.

HALIFAX and CAPE BRETON RAILWAY.

Leaves Antigonish at 9 a.m., and New Glasgow at 1.45 p. m. Arrives at New Glasgow at 11.30 a. m., and at Antigonish at 4.15 p. m.

Western Counties Railway.

Train leaves Yarmouth daily at 7.45 a. m., and arrives at Digby at 11.15 a. m. on Monday, Wednesday and Friday; and at 11.45 a. m., on Tuesday, Thursday and

Leaves Digby on Tuesday, Thursday, and Saturday at 3.30 p. m., and at 12.15 p. m. on Monday, Wednesday and Friday.

Arrives at Yarmouth Tuesday &c., at 7 p. m., and on Monday &c., at 4.15 p. m. MAGISTRATES BLANKS ALWAYS ON HAND

BAPTIST CHURCH REQUISITES.

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Articles and Covenant \$1.00 per 100. Church Record and Register \$2. and \$3. Alphabetical List of Members 40 cents

Letters of Dismission 50 cts. per quire. Psalmists, in all varieties, from 85 cts. Baptist Hymn Book from 50 cts. Baptists Hymn and Tune Book \$1.00 and \$2.25. Scripture Catechism, \$6.00 per 100.

CHRISTIAN MESSENGER OFFICE. No. 69 & 71 Granville St., Halifax. April 15.

For it is sadly too true that thousands of children are STARVED TO DEATH every year by improper or insufficient food. Remember,

RIDGE'S FOOD

Is all and a great deal more than we have claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated FOOD, grateful to the most delicate and irritable stomach, and especially adapted for the INFANT and GROWING CHILD.

Invalids, Nursing Mothers, and those suffering from Indigestion will find on trial that RIDGE'S FOOD FOR INFANTS AND INVALIDS, is all they can desire. It is carefully put up in four sizes. Constant users will find our No. 4 size

always the most economical size to buy) now much larger than formerly, thus materially lessening the expense. WOOLRICH, Dispensing and Family Chemist, Upper Water St., Depot for Ridges Food, Pick-me-up Bitters, &c., with a well-assorted stock of Pure Drugs.

April 17

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BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Perforaters, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market.

A Sure ASTAMA KIDDER'S PASTILLES. Price 35 cts. by mail.

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ORGANS AND PIANOS,

Organs from \$75 and upwards. War-ranted for 7 years. Pianos \$200 and upwards.
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