## The Messenger Almanac.

DECEMBER.					
First Quarter, Dec. 1st, 0h. 23m. A. Full Moon, "9th, 3h. 35m. A. Last Quarter, "16th, 10h. 48m. A. New Moon. "23rd, 5h. 10m. A.					
First Quarter, " 31st, 9h. 43m. M.					
Day Rise. Sets. Rises. South. Sets. at Halifax					
1   SU.   7   22   4   17   0   23   6   6   11   49   M.   2   M.   7   23   4   16   0   41   6   46   M.   0   50   3   Tu   7   24   4   16   1   1   7   28   0   51   1   44   4   W.   7   25   4   16   1   12   0   8   7   1   55   2   47   5   Th.   7   26   4   16   1   41   8   49   2   2   54   3   55   6   Fr.   7   27   4   15   2   8   9   35   3   57   4   54   7   Sa.   7   28   4   15   2   39   10   23   5   2   5   46   8   SU.   7   29   4   15   3   21   11   15   6   7   6   30   9   M.   7   30   4   15   4   11   M   7   9   7   11   10   Tu.   7   31   4   15   5   15   0   9   8   7   7   50   11   W   7   32   4   15   6   16   1   4   8   53   8   27   12   Th.   7   33   4   15   7   28   1   57   9   38   9   5   13   Fr.   7   34   4   15   8   42   2   51   10   14   9   44   14   Sa.   7   34   4   15   9   54   3   42   10   42   10   25   15   SU.   7   35   4   16   11   2   4   31   11   8   11   6   16   M.   7   36   4   16   M   5   19   11   36   11   55   17   Tu.   7   37   4   16   0   21   6   7   11   53   A.   45   18   W.   7   37   4   16   0   21   6   7   11   53   A.   45   19   Th.   7   38   4   17   2   54   7   48   0   43   2   46   20   Fr.   7   38   4   17   2   54   7   48   0   43   2   46   21   Sa.   7   39   4   18   6   40   10   43   2   46   6   11   23   M.   7   40   4   19   7   42   11   45   3   48   7   8   24   Tu.   7   40   4   19   8   33   A.   45   4   57   8   1   25   W.   7   41   4   20   9   11   1   40   6   9   8   47   26   Th.   7   41   4   21   9   42   2   31   7   20   9   32   27   Fr.   7   41   4   21   9   42   2   31   7   20   9   32   27   Fr.   7   7   41   4   21   9   42   2   31   7   20   9   32   27   Fr.   7   7   41   4   21   9   42   2   31   7   20   9   32   27   Fr.   7   7   41   4   21   9   42   2   31   7   20   9   32   27   Fr.   7   7   41   4   21   9   42   2   31   7   20   9   32   27   Fr.   7   7   7   7   7   7   7   7   7					

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 in size from a millet seed to a pin's head, LATER. A Westport, 2 hours 54 minutes LATER. A Yarmouth, 2 hours 20 minutes

FOR THE LENGTH OF THE DAY.-Add 12 hours to the time of the sun's setting, and rom 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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#### SCIENCE.

SAVETHEOLD PAPER.—Never throw away old paper. If you have no wish ful of ammonia in a quart of warm to sell it, use it in the house. Some soap-suds, dip a cloth in it and go over house-keepers prefer it to cloth for your soiled clothing, and see how cleaning many articles of furniture. rapidly the dirt will disappear; no For instance, a volume written by a scrubbing will be necessary. To a lady, who prided herself on her experi- pint of hot soap-suds add a teaspoonful ence and tact, says: "After a stove of the spirits, dip in your fork or spoon It is much warmer, thinner, and makes less noise when one walks over it."

China Herald some interesting facts concerning his researches into the tung and the curious means of collecting glass stopper, as it eats away cork. small diamonds by the natives.

"These diamonds," he says, "varying are produced from glaziers, who buy them at the large fairs held every year at Chuchow, Laichow-tu, and Hwonghsien. They are not to be found in shops, and are packed in quills. The manner of finding these stones is very curious. Men with thick straw shoes on go walking about in the diamentiferous sands of the valleys and streams o the diamond mountains, Chinkangling, some fifteen miles south-east of Yichowfu. The diamonds, which are ragged and pointed penetrate the straw and remain there. The shoes are then collected in great numbers and burnt, the diamonds being searched for in the ashes. As is the case with amethysts and rock crystal in the Lao Shan the priests of the temples in the Chinkang-ling are the principal dealers."

Mr. Fauvel further mentions that a diamond as large as a pea had been brought to Chefoo, and sold to a mandarin there.

#### AGRICULTURE.

LIQUID MANURE.—It is generally believed that no system of enriching land for small gardens, with a view to perfection of crops, is so truly economical and so easily available as liquid manure. We occasionally hear of a gardener, or an amateur fruit-grower who has practiced enriching the crop by use of liquid manure, but it is not a common practice so to enrich our gardens and lawns, however often the advocacy of the practice has been written. The writer practiced the sprinkling of a lawn, in a dry season with weak liquid manure water, and in the greatest heat and drought kept it fresh and green. In the management of pot plants no course of supplying food equals that of a judicious use of liquid manure. There are in almost every A national schoolmistress in the counrates. With our principal Office located moderate quantities, would prevent the all the name I've got-just John." to attend to all Patent Business with checking vegetation. If an unpleasant "Oh, you needn't put dad's name tank would keep it sweet and clean. old are you?" "I ain't old at all Again, the use of liquid manure need I'm young." never delay planting because of manure who are interested in new inventions and not being on hand, but planting could proceed and the application of manure made at leisure .- American Rural

STOCK-GRAFTING .- In answer to the question put at a meeting of the Maine Pomological Society, whether grafting seedling trees after they were set out and had grown in the orchard. is better than setting out grafted trees, the numer-Solicitors of Patents and Attorneys-at- ous answers from members at the winter meeting were strongly in favor of grafting in the orchard after the trees had become so large that the branches, and not the stem might be used.

Erysipelas is said to be cured by applying to the part affected a paste made of raw cranberries beaten

#### THE HOUSEHOLD.

Uses of Ammonia .- Put a teaspoonhas been blackened, it can be kept look- (or whatever you wish to clean), rub ing well for a long time by rubbing it with a soft brush, and then finish with with paper every morning. Rubbing chamois-skin. For washing windows with paper is a much nicer way of keep-, and mirrors it has no equal. It will ing the outside of a tea-kettle, coffee- remove grease-spots from every fabric pot, and tea-pot bright and clean, than without injuring the garment. Put on the old way of washing them in suds. the ammonia nearly clear; lay on Rubbing with paper is also the best blotting-paper, and set a hot iron on it way of polishing knives, tin-ware and for a moment. Also a few drops in spoons; they shine like new silver. water will cleanse and whiten laces For polishing mirrors, windows, lamp and muslin beautifully. A few drops chimneys, etc., paper is better than dry in a bowl of water, if the skin be cloth. Preserves and pickles keep oily, will remove all uncleanliness and much better if brown paper instead of disagreeable odors. Added to a hot cloth is tied over the jar. Canned fruit | bath it entirely absorbs all noxious is not so apt to mould if a piece of smell, and nothing is better to remove writing paper, cut to fit the can, is laid | dandruff from the hair. For cleaning directly on the fruit. Paper is much | nail and hair-brushes it is equally good. better to put under a carpet than straw. For heartburn and dyspepsia the aromatic spirits of ammonia is especially prepared; ten drops taken in a wineglass of water will give relief. For DIAMONDS IN CHINA -Mr. Fauvel, house-plants, five or six drops to every of Chefoo, communicates in the North pint of water, once a week, will make them flourish. It is also good to clean plant-jars. So be sure and keep a mineral wealth of the district of Shan- bottle of it in the house, and have a

> GILT FRAMES .- To revive them. Take of the white of eggs 2 oz., chloride of potash or soda loz., blow the dust from the frames and apply the mixture with a soft brush.

TEA LEAVES FOR POULTICES .- An eminent medical man in India strongly recommend spoultices of tea leaves, moistened with hot water, as preferable to other remedies in the first stages of a copy sent by return mail. bruises and scalds.

There is fire en enough in every one to keep him comfortable, if he puts clothing on. Never go about half frozen, or remain chilled for half an hour at a time, But if one feels cold, even for a short while, he may get a comfortable heat by immersing his hand in hot water. Still warm clothing is better than fire.

FOR CHAPPED HANDS .- Pour a little of the best cider vinegar in the palm of the hands and rub them together well with it.

Oatmeal is an excellent food, but its good effects may be considerably offset by the use of too much sugar, syrup or molasses in connection with it.

People who have toubles in the way of eruptions on the skin, owe them to improper dietetic habits the use of too much carbonaceous matter, like sugar, molasses, gravy, sauces, etc.

Three drops of carbolic acid in table spoonful of water, applied to a corn a few times will cure it.

#### VARIETIES.

PUZZLING A SCHOOLMISTRESS .family waste liquids which usually go try was taking down the names and into a sewer or drain, or possibly upon ages of her scholars at the commencethe road where they are of no avail; but ment of the term, when coming in turn if saved by being conducted to a tank to a little white-headed boy, she asked along with the wash waters of the house him, "Well, my lad, how old are would enrich an entire garden for vege- you?, "My name ain't Lad," said New Germany-Adam E. Durland. tables and fruits, flower borders, etc.. he, sharply; "it's John." "Well," and the whole, if the wash be applied said the schoolmistress, "what is the regularly, and at night, after sunset, in rest of your name?" "Why, that's dryest weather of midsummer from "Well, what is your father's name?" odor comes from the tank, a little plaster down; he isn't comin' to school. He's (gypsum) sprinkled in and around the too big to go to school." "Well, how

> Jabez Bronson, a rustic rhymer, was challenged to write an epitaph for Deacon Wood, who was present. Immediately he made these lines:

"Within this wood lies Deacon Wood, The one within the other: The outside wood we know is good, But doubtful is the other."

"Six into four, you can't," as the shoemaker mildly suggested to a lady customer.

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18 25 53	Windsor Wolfville Kentville,  Wilmot, Annapolis,	Leave do Arrive Leave Leave Arrivo	9 40 10 36 10 56 11 10 12 27 2 00	12 49	P. M. 5 45 6 51 7 15
Miles.	St. John,	do	ss. and Freight 2.	Pass. and Freight Tues., Thurs., & Sat.	Express daily.
	St. John,	Leave	Pass.	1 -	A. M. 8 00 P. M.
59 66	Annapolis, Wilmot, Kentville, do Wolfville. Windsor,	Leave do Arrive Leave do Arrive	7 00 7 27 8 30	12 10	2 28 3 51 5 08 5 18 5 38

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1878 -- Summer Arrangement -- 1878

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