

Table with columns for Day, SUN, MOON, High Tide, and Low Tide. Includes dates for Last Quarter, New Moon, First Quarter, and Full Moon.

THE TIDES.—The column of the Moon's Southings 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.

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 morning.

BAPTIST CHURCH REQUISITES.

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

PATENTS

Obtained for Inventors, in the United States, Canada, and Europe, at reduced rates. With our principal Office located in Washington, directly opposite the United States Patent Office, we are able to attend to all Patent Business with greater promptness and despatch and less cost, than other patent attorneys, who are at a distance from Washington, and who have, therefore, to employ "associate attorneys."

LOUIS BAGGER & CO., Solicitors of Patents and Attorneys-at-Law, LeDroit Building, Washington, D. C. May 1.

ENGLISH PEA SOUP.

SYMINGTON'S Prepared Pea Soup, EASY OF DIGESTION, PERFECTLY WHOLESOME, REQUIRES NO BOILING, and, owing to the scientific treatment of the Flour, never causes any unpleasant feeling after eating, being highly nutritious, is especially recommended.

BY THE FACULTY. Made only by WM. SYMINGTON & CO., Market, Harborough, England, and sold by all respectable grocers throughout the world.

TRADE AGENCY, WM. JOHNSON, St. Francois Xavier St., Montreal, July 2.

Nova Scotia Book Bindery, G. & T. PHILLIPS, Corner Granville & Sackville Streets. BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Performers, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market. Jan. 31.

THE HOUSEHOLD

For the Christian Messenger. Kindling a fire with green Wood.

It is very poor economy to burn green wood, if you can help it. But, if you cannot help it, or are in circumstances that you need a fire, and have nothing but green wood, you can do it if you know how. Of course you are supposed to have an axe and a sharp knife. Now then, chop and split your wood. Split a small quantity of it as fine as you can possibly split it with the axe. Then take your knife and reduce a few sticks still nearer down to nothing. Finish the whittling process by shaving a handful or so as thin as you can possibly shave them. Now strike your match, and apply it to these thin shavings. They will blaze at once. Now put on first the smallest of the small whittlings, and they will take fire, and you can then apply coarser ones. Your fire is now fairly started, and you can keep it going by adding finely split wood, increasing the size till you can put on as large logs as you choose, and you may then hang up an ox, and build your fire around it, and roast and eat it at your leisure. Set your boys—who are always fond of making fires—when it is play and not work, try the experiment on a small scale, and they shall have the recipe gratis. GRANDFATHER.

OATMEAL PUDDING.—Put in a basin a fourth of a pint of cold milk and mix into two ounces of finely ground oatmeal; then add to it a pint of boiling milk—mixing it this way prevents lumps—put it on the fire and let it boil ten minutes; have some dried bread crumbs, and taking off the oatmeal, mix in the crumbs until the whole is rather stiff; chop two ounces of suet; cut up as fine as possible one small onion, beat up the whites and yolks of two eggs and a sprinkle of sage and marjoram, and mix these with the cold porridge; butter a pan put in your mixture, and bake for an hour. When roast beef is scarce, oatmeal pudding, with a little gravy, ekes out the feast.

LABOR-SAVING BORAX.—The wash-women of Holland and Belgium, so proverbially clean, and who get up their linen so beautifully white, use refined borax as a washing powder, instead of soda, in the proportion of a large handful of pulverized borax to about ten gallons of boiling water. They save in soap one-half. All other large washing establishments adopt the same mode. For laces, cambrics, etc., an extra quantity of the powder is used, and for crinolines required to be made very stiff a strong solution is necessary. Borax being a neutral salt does not in the slightest degree injure the texture of the linen; its effect is to soften the hardest water, and it should be kept on every toilet table. To the taste it is rather sweet, is used for cleaning the hair, is an excellent dentrifice, and in hot countries is used with tartaric acid and bicarbonate of soda as a cooling beverage. Good tea cannot be made from hard water; all water can be made soft by adding a teaspoonful of pulverized borax to an ordinary sized kettle of water, in which it should boil. The saving in the quantity of tea used will be at least one-fifth.

CHICKEN FRICASSEE.—Divide the fowls, wash well and lay in a flat-bottomed vessel, with the bone side down, and cover with equal parts of milk and boiling water; let it simmer until tender, skim off the fat that rises to the top; season with salt and white pepper. Pile the chickens nicely on the serving dish, and keep hot. Put into the gravy a bunch of parsley, one large mince-boiled onion, a blade of mace, a gill of thick cream, the yolks of two eggs, and one spoonful of butter, rubbed to a cream in two spoonfuls of flour. Let all boil a few minutes. Take out the parsley and mace, and pour the gravy over the chicken. This is most delicious.

Fried Chicken No. 1.—Have some lard very hot; sprinkle the pieces of chicken well with flour; put them in and cover tightly for a while; cook as fast as you can without burning. After a little while take off the lid; season with salt and pepper, and if brown, turn the pieces and brown again as fast as possible. We think the meat is more tender and much more juicy than if allowed a longer time over a slow fire. Fried Chicken No. 2.—Fried chickens with cream dressing are good, served with cauliflower on the same dish, with the same sauce poured over both. A boiled chicken is generally served in a bed of boiled rice.

A row of baked tomatoes is a pretty garnish around a roast chicken. It is now quite fashionable to serve salads with chickens.—Country Gentleman.

SCIENCE.

CHARCOAL AS AN ABSORBENT.—The absorptive power of charcoal is well known in the arts. Its capacity in this direction is most remarkable. Accurate experiment has proved that in twenty-four hours it would absorb ninety times its own volume of ammoniacal gas, eighty-five times its volume of muratic acid gas, and sixty-five times its volume of sulphurous acid gas. It is this remarkable quality that makes it so valuable in destroying odor, color, taste in many substances, and preserving meats, vegetables and fruits, from rapid decay. Its use as a filter in cisterns is well known, and its value here depends upon the same quality. It separates and appropriates to itself the decaying matter and other impurities in water, rendering it pure and sweet. If placed on the surface of the soil, it will gather from the air moisture and gases, and impart them to the growing plants. On the same principle its value in the barnyard, stable and hog-pens, as an absorptive agent, is incalculable. When used for this purpose to form the basis of manure, it should be in the powdered state.—Ohio Farmer.

THE FOOD TO MAKE FLESH.—In general we do not think health is promoted by "taking thought" too much about it. But on the other hand, there is no advantage in ignorance. Here is a hint from the Toledo Blade:

Sugar, syrup, fresh cheese, wheaten grits, hominy, juicy meats, are the food to make flesh. Almost any woman will get plump on brown bread and wheaten grits, or oatmeal twice a day, with meat and vegetables in plenty at breakfast and dinner, and a supper of brown biscuit, with sweetmeats, cheese and cream, or coffee drank with plenty of sugar and milk. It is not necessary to eat largely if the appetite does not call for it, but the food must be tempting, and if hunger is keen, one who would be plump and spirited must not be afraid to indulge it. Unrelishing distasteful food, though it may be considered healthy, will not nourish and stimulate like what is piquant and savory, and changed in variety day by day.

VARIETES.

When Artemas Ward was exhibiting his show in Salt Lake City, his complimentary tickets to the city officials read as follows, "Admit bearer and one wife."

Mind your stops. A compositor, in setting up the toast—"Woman—without her, man would be a savage," got the punctuation in the wrong place, which made it read;—"Woman, without her man, would be a savage."

Teacher—Feminine of friar? First bright boy—Hasn't any.—Teacher—Next. Second bright boy—Nun.—Teacher—That's right. First bright boy indignantly ejaculates—That's just what I said.

"I don't believe in eddication," says Mr. Allums. "Thar's me an' Sol an' is Calline, aint got 'long no better in the worruld than pappy's other children that warn't eddicated."

If there is one thing we like more than another it is a simple, direct, intelligible statement of something we are interested in. How, then, can we be sufficiently grateful to Professor Agassiz for informing us that "trilobites are not any more closely related to the phyllophods than to any other entromstracæ, or to the isopod?"

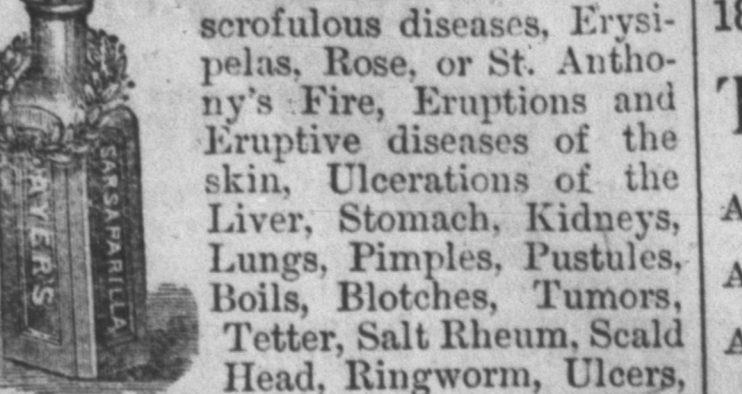
"Are you aware that you breathe eighteen times a minute, and three thousand cubic feet, or about 375 hogs-heads, of air per hour?" What a terrific question to propound to a person who has been eating onions.

"How came you to be lost?" asked a sympathizing gentleman of a little boy he found crying in the street for his mother. "I ain't lost," indignantly exclaimed the little three-year-old; "but m-m-my mother is, and I ca-ca-can't find her."

Professor: "Mr.—, you have a wonderful faculty for learning to forget." Student (aside): "Not so much that I learn to forget, as that I forget to learn."—New York University Quarterly.

A writer on school discipline says: "Without a liberal use of the rod it is impossible to make boys smart."

Ayer's Sarsaparilla



For Scrofula, and all scrofulous diseases, Erysipelas, Rose, or St. Anthony's Fire, Eruptions and Eruptive diseases of the skin, Ulcerations of the Liver, Stomach, Kidneys, Lungs, Pimples, Pustules, Boils, Blotches, Tumors, Tetter, Salt Rheum, Scald Head, Ringworm, Ulcers, Sores, Rheumatism, Neuralgia, Pain in the Bones, Side and Head, Female Weakness, Sterility, Leucorrhœa, arising from internal ulceration, and Uterine disease, Syphilitic and Mercurial diseases, Dropsy, Dyspepsia, Emaciation, General Debility, and for Purifying the Blood.

This Sarsaparilla is a combination of vegetable alteratives—Stillingia, Mandrake, Yellow Dock—with the Iodides of Potassium and Iron, and is the most efficacious medicine yet known for the diseases it is intended to cure.

Its ingredients are so skillfully combined, that the full alterative effect of each is assured, and while it is so mild as to be harmless even to children, it is still so effectual as to purge out from the system those impurities and corruptions which develop into loathsome disease.

The reputation it enjoys is derived from its cures, and the confidence which prominent physicians all over the country repose in it, prove their experience of its usefulness.

Certificates attesting its virtues have accumulated, and are constantly being received, and as many of these cases are publicly known, they furnish convincing evidence of the superiority of this Sarsaparilla over every other alterative medicine. So generally is its superiority to any other medicine known, that we need do no more than to assure the public that the best qualities it has ever possessed are strictly maintained.

PREPARED BY Dr. J. C. AYER & CO., Lowell, Mass., Practical and Analytical Chemists. SOLD BY ALL DRUGGISTS EVERYWHERE. BROWN & WEBB, Halifax, Dec. 11. Wholesale Agents.

C. A. SNOW & CO., WASHINGTON, D. C. PATENTS

obtained for new inventions, or for improvements in old ones. Caveats, Trade Marks and all patent business promptly 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 secure patents in less time than those who are remote from Washington and who must depend upon the mails in all transactions with the Patent Office.

When Inventors send model or sketch we make search in the Patent Office and advise as to its patentability FREE OF CHARGE. Correspondence confidential, prices low, and NO CHARGE UNLESS PATENT IS OBTAINED.

We refer to Hon. Postmaster General D. M. KEY, Rev. F. D. POWER, to officials 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 C. A. SNOW & CO., OPPOSITE PATENT OFFICE, WASHINGTON, D. C. July 23.

MARBLE & FREESTONE WORKS,

CORNER OF Prince & Waddell Sts., Truro, N. S. A. J. WALKER, Proprietor. MONUMENTS, HEADSTONES, TABLETS, TABLE TOPS, SOAP STONES, &c., All work executed in the most approved style. Orders from the country personally and promptly attended to. Orders will also be received for Red Granite Monuments. Feb. 26, * to Dec. 31, '79.

NEW RICH BLOOD!

Persons Perspiring Pills make New Rich Blood, and will completely cleanse the blood in the entire system in three months. Any person who will take 1 pill each night until 1 to 12 weeks may be restored to sound health, if such a thing is possible. Sent by mail for 25 cents. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

MAKE HENS LAY.

An English Veterinary Surgeon and Chemist now residing in this country, says that most of the Hens and Cocks 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. Dose one teaspoonful to one pint food.

JOHNSON'S ANODYNE LINIMENT.

For Internal and External Use. CURES—Neuralgia, Diphtheria, Croup, Asthma, Bronchitis, Influenza, Sore Throat, Bleeding at the Lungs, Chronic Hoarseness, Hacking Cough, Whooping Cough, Chronic Rheumatism, Chronic Diarrhoea, Chronic Dysentery, Cholera Morbus, Kidney Troubles, Dislocation of the Spine and Lame Back. Sold everywhere. Nov. 27.

AGENTS For the Pictorial Bible Commentator. 1,018 Pages, 475 Illustrations and Maps. The most complete and comprehensive Commentary on the entire Scriptures (in English and French) ever published. Price, \$3.75. BRADLEY, GARRISON & CO., Bradford, Ontario. Oct. 22. 1yr.

INTERCOLONIAL RAILWAY.

1879 WINTER ARRANGEMENT 1879

TRAINS leave Halifax daily (Sunday excepted) as follows:— (Halifax time.) At 8.30 a. m.—Express for St. John, Pictou, and intermediate places. At 1.16 p. m.—Express for Quebec and intermediate places. At 5.30 p. m.—Accommodation for Truro. WILL ARRIVE:— At 9.10 a. m.—Accommodation from Truro. At 1.56 p. m.—Express from Quebec and from St. John. At 8.30 p. m.—Express from St. John, and Pictou. Dec. 3, 1879.

WINDSOR & ANNAPOLIS Railway.

Winter Arrangement, Commencing 4th Dec., 1879.

Table with columns for GOING WEST, GOING EAST, Miles, and various train times for stations like Halifax, Windsor, Kentville, Berwick, Middleton, Annapolis, and St. John.

HALIFAX and CAPE BRETON RAILWAY.

Leaves Antigonish at 9 a. m., and New Glasgow at 1.45 p. m. Arrive at New Glasgow at 11.30 a. m., and at Antigonish at 4.15 p. m. Steamer "Scudd" leaves St. John every Monday, Wednesday and Saturday for Annapolis, and returns the same day on arrival of train.

GRAY'S SPECIFIC MEDICINE.

TRADE MARK. THE GREAT ENGLISH REMEDY, an unfailing cure for Seminal Weakness, Spermatorrhœa, Before Taking Impotency, After Taking, and all diseases that follow as a sequence of Self-Abuse; as loss of Memory, Dimness of Vision, Premature Old Age, and many other Diseases that lead to Insanity or Consumption and a Premature Grave. Full particulars in our pamphlet, which we desire to send free by mail to every one. The Specific Medicine is sold by all druggists at \$1 per package, or six packages for \$5, or will be sent free by mail on receipt of the money by addressing THE GRAY MEDICINE CO., Toronto, Ont.

Sold in Halifax by all druggists and everywhere in Canada and the United States by all wholesale and retail druggists. N. B.—The demands of our business have necessitated our removing to Toronto, to which place please address all future communications. March 12, '79.

"CUSTOM TAILORING."

H. G. Laurilliard, 119 HOLLIS STREET, HALIFAX, N. S. Agency for New York Fashions.

THE CHRISTIAN MESSENGER

Is published every WEDNESDAY. Terms—Two DOLLARS a year, when paid in advance; if payment is delayed over three months \$2.25, when over six months \$2.50. POSTAGE PREPAID.

STEPHEN SELDEN, PROPRIETOR, Office No. 69 & 71 Granville Street, Halifax, N. S. Printing of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms. MAGISTRATES BLANKS ALWAYS ON HAND.