

Scientific.

THE HEAT OF THE SUN.—The earth receives from the sun each day heat enough, on an average, to raise an ocean 260 yards deep over the whole earth, from the freezing to the boiling point.

CHLORINE.—The solutions of salts are recommended as a substitute for water in watering the streets. They do not dry entirely, but will continue to hold enough water to keep the dust laid.

A CHEAP PAINT FOR FLOORS.—If the kitchen floor needs painting a cheap paint can be made from five pounds of French ochre, and a quarter of a pound of glue dissolved in one gallon of boiling water.

RICE TEA DISHES.—When fruit is scarce, rice can be made a very pretty addition to the tea-table. Boil in the morning, and turn into buttered tea-cups; when cold, turn out the contents of the several cups on to a platter, make a little cavity in the top of each of these beautifully-shaped molds, placing a teaspoonful of some kind of jelly in the openings, and with a pitcher of sweetened and flavored cream, you will have a fancy as well nutritious dish.

APPLE MERINGUE.—Stew your fruit till well done and smooth, sweeten to taste, and add the rind of a lemon grated. Take the whites of five eggs beat them to a stiff froth, put to them a tea-cup of powdered sugar, a little rose water, the juice of the lemon, or any other seasoning you prefer.

APPLE SOUFFLE.—Pare, core, and stew until tender, six large tart apples press through a sieve, flavor and sweeten to the taste then add while hot, the yolks of six eggs; beat up the white with a cup of white sugar, and spread it over the apples. Eat cold with cream.

TO COOK OAT MEAL.—Oat Meal Pudding is made just as hasty Indian pudding is made.

Oat Meal Cakes.—Mix meal with luke-warm water, shortening to suit, and a little salt, roll out to one fourth or one half inch thick, and bake slowly till dry and crumby. Can add sweetening, caraway seed, etc.

Oat Meal Brose.—For one person, three tablespoonfuls of meal, salt to taste, a piece of butter the size of a walnut, and stir while adding three-fourths pint of boiling water, then let it set three minutes covered. Eat with milk.

Agriculture.

PLANTS FOR THE WINDOW.

The selection of plants for winter window vases depends essentially upon which side is to be the point of view. If chiefly from the outside large leaves and large colours show best, such as bulbs, or well grown foliage plants, as begonias, &c., kept under glass shades to preserve the necessary air moisture, with the warmth which they require.

INFLUENCE OF FOOD ON POULTRY.—The influence of the food of poultry upon the quality and flavor of their flesh and eggs has not been taken into consideration; but it is now well ascertained that great care should be exercised in regard to this matter.

SAVING FLOWER-SEEDS.—From the present time to the end of the growing season, flower-seeds should be saved as soon as they mature. Pinks, pansies, hollyhocks, foxgloves, sweet-williams, and many other biennial and perennial flowers, will soon cast their seed. Let the capsules, pods, or panicles be collected as soon as they begin to turn brown, be spread out on a shelf in some apartment where no fire will be made, and keep the seeds in the pods until late in autumn, when those of perennial and biennial flowers should be planted.

A NEW PLUM.—The Belgian horticulturists have obtained a new plum, not yet known in England, which we advise our Nova Scotia fruit growers to look after. It is called the St. Aubert Plum. Outwardly it resembles the Golden Drop, in flavour and color of flesh the Greengage, but it is stated to ripen earlier and to be more productive than either. A figure, copied from the Bulletin d'Arboriculture is given in the London Gardener's Chronicle of 6th September.

We doubt whether the riches of our forests have as yet been fully realized. Wood Engravers are at their wits' end to find material to engrave upon, and here is an opinion expressed the other day respecting our native Amelanchier, which grows in almost every wood in Nova Scotia, and has not hitherto, so far as we know, been used even for firewood:—Upon examining with a sharp instrument the species of various southern woods, deposited in the Museum of the Elliot Society, I was struck with the singular weight, density and firmness of Amelanchier Canadensis. I think I can confidently recommend it as one of the best to be experimented on by the wood engraver.—N. S. Journal of Agriculture.

The fifth National Cat Show was held in the Crystal Palace, London, from 20th to 23rd September.

A GOOD POLICEMAN.—A farmer in Washington county, Ky., has found a practical use for a snake. For two years he has had one shut up in his corn-crib, and during all that time not a single mouse has been seen there.

WOOD LICE IN GREENHOUSES.—Please tell me through your Monthly how to rid my greenhouse of the wood lice, which trouble me very much. At the time the greenhouse was built, an old building was removed to make room for it. With all my efforts the bugs infest the house! [They are easily caught by putting pieces of boiled potatoes in flower pots and some dry sweet hay loosely over this. These traps, examined once a day will soon clear a greenhouse of the pests.]—Gardner's Monthly.

"This same 'catch trap' will answer for ants in the garden, and when covered with the 'varmits' dip them in hot water."

The Tomato Disease is worse this year than usual. It is very similar to, if not identical with the Potato Disease, and a moist Autumn is consequently ruinous to tomatoes.

HOEING UP CABBAGE.—John Price, in the Gardener's Magazine (English), says:—"The grand secret of cabbage growing is to continually stir the ground but keep the earth away from the stalk."

LYE, OIL, and sugar is the latest patented compound to prevent boiler incrustation.

A good cow eats no more than a poor one.

If you give a cow some salt to lick, it is said to make her "bear down."

CALCULIFUGE!

THE reputation which MARGESON'S CALCULIFUGE has steadily enjoyed, and its increasing demand have firmly established its excellence in the estimation of the public, as a

Sure and Safe Cure for Gravel, Stone in the Bladder, and all Diseases of the Kidneys.

The numerous testimonials received testifying to its efficacy, have again induced the proprietors to bring it to public notice, and they would say to those suffering from any of the above distressing complaints, give it a trial, and save yourself years of misery, besides prolonging your lives.

PURELY VEGETABLE. SOLD BY ALL DRUGGISTS. WHOLESALE AGENTS. AVERY, BROWN & CO., Halifax. H. L. SPENCER, 20 Nelson St., St. John, N.B. R. C. MARGESON, Proprietor, Halifax, N. S.

Messrs. R. C. MARGESON & Co.—Gentlemen:—I have been afflicted with gravel and stone upwards of a year and a half. Tried everything I could hear of for its relief without avail. Saw your advertisement of Calculifuge in the Halifax papers, and in the short space of four weeks an entirely cured. I willingly add my testimony to its value, and heartily recommend it to all afflicted as I have been.

(Signed) DAVID COLLINS, Formerly Harnessmaker, St. John, N.B.

Messrs. R. C. MARGESON & Co.—Dear Sirs:—Please accept this testimony from one who has been suffering for upwards of five years from Gravel and Stone in the Bladder, and was advised by my friends to try your Calculifuge. I did so, and am happy to say that after using the two bottles you sent me last summer, it entirely cured me. I passed five stones the size of small peas, and upwards of a wine-glassful of smaller ones and gravel, and will send them to you by the first chance. I would advise all that are suffering with the same complaint, to secure your valuable medicine at once, as it has been the sole means of curing me. I will take pleasure in giving all the information I can to all that will call to see me at my house.

I remain yours, ANDREW CRAWFORD. CHEZZETCOOK, March 3, 1873.

Messrs. R. C. MARGESON & Co.—Dear Sirs:—I was a great sufferer for upwards of eighteen years with that most distressing complaint the Gravel. Tried many kinds of medicine as well as different Doctors, but got only temporary relief at short intervals. I saw your medicine advertised called Calculifuge, as well as different certificates from those who suffered with the same complaint. Feeling encouraged, I resolved to try it, and after taking three bottles, I found myself nearly cured, and am of the opinion that the fourth bottle will make a final cure. Wishing you every success, I remain yours, JOHN DUNBRACK, SENR. Halifax, July 18, 1873. Aug. 6. 3ms.

BRITISH AMERICAN Book and Tract Depository, 90 GRANVILLE STREET, Opposite the Produce Building.

NOW OPENING: Ten Cases S. S. Books. The Publications of—The Religious Tract Society, London. The Christian Knowledge Society, London. The Book Society, London. Messrs. Campbell & Son, Toronto. T. Nelson & Sons, Edinburgh. Johnson & Hunter, " Gail & Inglis, " Oliphant & Son, " Also Constantly on hand, Illustrated S. S. Papers. Papers and Books for S. S. Teachers, S. S. Cards, Illustrated. Send for Catalogue. A. McBEAN, Secretary. April 2.

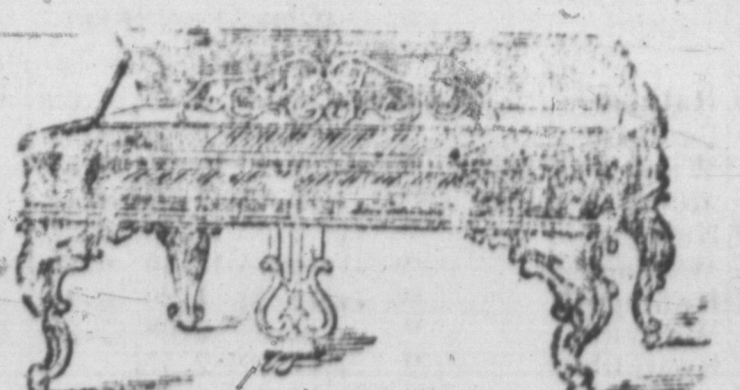
HALIFAX, N. S., OCTOBER 29, 1873.

Table with columns for Day, SUN., MOON., High Tide, and Low Tide. Rows list dates from 1st to 30th with corresponding times.

THE TIDES.—The column of the Moon's Southern gives the time of high water at Parraboro, 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 Yarmouth, 2 hours 20 minutes later.

NOTICE.

THE Subscriber offers for Sale his well known Farm, Situate in Wilmot, County of Annapolis, on the North back road, about one half mile east from the Wilmot Spa Springs, and about one and a half miles from the Railroad Station. Said farm contains 125 acres of very valuable land, advantageously divided into Hay, Pasture, and Woodland. The hay and tillage land are under a superior state of cultivation, the pasture is of an excellent quality, and wood lot sufficient to supply a family for generations to come. On the Farm is a comfortable House of Size and accommodations to suit a large family. Also 2 good Barns, with other convenient out buildings all in good state of repair. An abundant supply of water is carried into the House by pipes from a never failing Spring, and also taken for the use of the barn. There are about 100 grafted apple trees producing from 60 to 200 barrels annually. This property is so well known that further particulars are unnecessary. The terms of payment will be made easy, only a small proportion will be required down, with good and approved security for the remainder. The stock and farming utensils can be had by a purchaser of the farm if required. For further particulars apply to the owner on the premises. GEORGE BALLENTINE, Wilmot, County of Annapolis, January 22nd, 1874. Jan. 29



Superior Pianos, IN VARIOUS STYLES. UPRIGHT, OBLIQUE, SQUARE, Etc. With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate. An assortment of THE "SILVER TONGUE" A very fine toned CABINET ORGAN, by Carhart and Needham, N. Y. The above are offered to a discriminating public at moderate prices, WM. FRASER & SONS, June 1. 70 & 72 Barrington St.

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Agent for the NEW YORK FASHION PLATES. 331 HOLLIN STREET, HALIFAX, N. S. May 17. 1yr.

To Parents and Sabbath school Teachers. JUST PUBLISHED. SECOND EDITION—REVISED. A SCRIPTURE CATECHISM, for the Family, the Bible Class, and the Sabbath School, BY S. SELDEN. Price 8 cents or \$0.00 per 100.

WHY spend you money in procuring Foreign preparations when you can so easily procure better articles, of home manufacture and at less price? Archibald's Cough Mixture, a universal remedy for Lung and Chest disease—Archibald's Tonic Bitters a capital remedy for Dyspepsia and Liver Complaint—Archibald's Vegetable Pain Balm the great killer of pain.

Price 25 cents per Bottle. Manufactured by M. ARCHIBALD, Truro. Sold by all respectable traders and druggists, May 7.

Articles and Covenant of Baptist Churches.

\$2.00 per 100 copies. 50 copies sent by mail, postage paid for \$1.00. July 2.

INTERCOLONIAL RAILWAY.

1873—Summer Arrangements—1873 COMMENCING ON MONDAY, 26th May, 1873.

- No. 1. (Through Passenger Express) will leave Halifax at 7.30 a.m., and be due in St. John at 8.30 p.m. This train will stop (between Halifax and Truro) only at Windsor Junction and Shubenacadie; and (between Painsec and St. John) only at Booking Stations, except where it may be necessary to cross other trains or to put down passengers who may have got on board at Painsec and stations East and South of that place. No. 2. (Through Passenger Express) will leave St. John at 8 a.m., and be due in Halifax at 8.50 p.m. This train will stop (between St. John and Painsec) only at Hampton, Sussex, Peticodiac and Moncton; and (between Truro and Halifax) at Shubenacadie and Windsor Junction, except where it may be necessary to cross trains or to put down passengers who may have got on board at stations North and West of Truro. No. 3 and 5. (Pictou Passenger Accommodation) will leave Halifax at 6.15 a.m., and be due at Pictou at 12.15 p.m. No. 4 and 6. (Shediac Passenger Accommodation) will leave St. John at 7 a.m., and be due at point DuChene at 12.15 p.m. No. 7 and 9. (Freight and Passenger Accommodation) will leave Halifax at 11.30 a.m., and be due at Pictou at 8.15 p.m. No. 8 and 10. (Freight and Passenger Accommodation) will leave St. John at 10.50 a.m., and be due at Point DuChene at 7.25 p.m. No. 11. (Truro Freight) will leave Halifax at 3.30 p.m., and be due at Truro at 9.10 p.m. No. 12. (Passenger Accommodation) will leave Painsec at 4.20 p.m., and be due at Point DuChene at 5.00 p.m. No. 13. (Truro Passenger Accommodation) will leave Halifax at 5.15 p.m., and be due at Truro at 8.15 p.m. No. 14. (Passenger Accommodation) will leave St. John at 2.00 p.m., and be due at Hampton at 3.10 p.m. No. 15, 17 and 19. (W. & A. R.) will leave Halifax for Windsor Junction at 8.00 and 8.45 a.m., and 3.00 p.m. No. 16. (Peticodiac Freight) will leave St. John at 2.45 p.m., and be due at Peticodiac at 8 p.m. No. 18. (Sussex Passenger Accommodation) will leave St. John at 4.40 p.m., and be due at Sussex at 6.40 p.m. No. 20. (Truro Passenger Accommodation) will leave Truro at 6.00 a.m., and be due in Halifax at 9.15 a.m. No. 21. (Sussex Passenger Accommodation) will leave Sussex at 7 a.m., and be due in St. John at 9.00 a.m. No. 22. (Truro Freight) will leave Truro at 6.45 a.m., and be due in Halifax at 1.20 p.m. No. 23 and 25. (Shediac Passenger Accommodation) will leave Point DuChene at 6.50 a.m., and be due in St. John at 12 noon. No. 24 and 26. (Freight and Passenger accommodation) will leave Pictou at 6.00 a.m., and be due in Halifax at 2.35 p.m. No. 27. (Peticodiac Freight) will leave Peticodiac 7.00 a.m., and be due in St. John at 1.30 p.m. No. 28 and 30. (Pictou Passenger Accommodation) will leave Pictou at 1.45 p.m., and be due in Halifax at 7.30 p.m. No. 29. (Passenger Accommodation) will leave Hampton at 5.45 p.m., and be due in St. John at 6.55 p.m. No. 31 and 33. (Shediac Passenger and Freight Accommodation) will leave Pt. DuChene at 10.30 a.m., and be due in St. John at 7.45 p.m. No. 32, 34 and 36. (W. & A. R.) will be due in Halifax at 11.00 a.m., 6.45 p.m. and 8.25 p.m. No. 35. (Passenger Accommodation) will leave Point DuChene at 3.20 p.m., and be due at Painsec at 4 p.m. No. 37 and 39. (Truro and Moncton Freight Passenger Accommodation) will leave Truro at 9.30 p.m., and be due at Moncton at 8.10 a.m. No. 38 and 40. (Moncton and Truro Freight and Passenger Accommodation) will leave Moncton at 6.45 p.m., and be due at Truro at 5.30 a.m. LEWIS CARVELL, General Superintendent.

RAILWAY OFFICE, Moncton, 19th May, 1873 } May 21.

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. Subscribers beyond the Dominion of Canada, must send in addition to the above, 20 cents a year for prepayment of postage.

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