

SCIENCE.

A CHURCH BUILT WITH ONE TREE. A redwood tree, cut in this country furnished all the timber for the Baptist Church in Santa Rosa, one of the largest church edifices in the country.

The orange-tree sometimes lives to be three hundred years old. It is the longest-lived fruit-tree known. It will flourish and bear fruit for more than a hundred years.

Recent analyses of the gray matter of the human brain have shed some light upon the hitherto unsolved question why oatmeal is a more potent restorative of nervous energy than wheat meal.

A recent estimate, made by means of a very intricate testing apparatus places the rate at which an electric dot travels over a telegraph wire at 16,000 miles per second.

Some years ago a party of Cambridge philosophers undertook, for a scientific object, to penetrate into the vast depths of a Cornish mine. Professor Farash, who made one of the number, used to relate with infinite gusto the following startling incident of his visit.

A WOMAN'S INGENUITY.—When Edison, genius and inventor that he is, had given two weeks of his valuable time to going up and down on the New York elevated railroad trying to discover what caused its noise and a cure for it, he gave up the job.

FARM AND GARDEN.

VEGETABLE PORTRY

Potatoes came from Virginia; Parsley was sent us from Sardinia; French beans, low growing on the earth, To distant India trace their birth;

Are products of our own fair land; And cabbages a goodly tribe, Which abler pens might well describe— Are also ours, I understand.

Every farmer should keep a can of the following mixtures: Kerosene 2 quarts; linseed oil, one gill; rosin one ounce.—Melt the rosin in the linseed oil and add to the kerosene. Coat all steel and iron tools whenever bright, with this when they are to lie idle if for only a few days.

Winter quarters for poultry must be warm. To secure warmth the houses must not only be tight, but must be heated either by the sun, by artificial heat, or by the warmth of the fowls themselves.

THE VALUE OF A FRUIT ORCHARD. In good fruit growing localities, where bare but fertile land is worth \$100 an acre, fields set with fruit ready to bear are worth twice to four times that sum.

GIVE THE PIGS PLENTY OF STRAW.—The hog pen should be always liberally bedded with straw, not only where the pigs sleep, but the yard outside, where they run.

HOUSEHOLD. WASHING FLANNELS AND LINENS.—To whiten flannel, made yellow by age, dissolve 1-2 pounds of white soap in fifty pounds of soft water, and also two-thirds of an ounce of spirits of ammonia.

HOUSEHOLD.

STUFFED LEG OF MUTTON.—Cut out the bone and rub the meat with salt and pepper, and fill with forcemeat made of bread-crumbs, butter and a little chopped onion. Sew up the opening, lay the meat in a pan (dry) and dredge with flour; put in the baker and roast for two hours; take out, put it on a wa dish, garnish with mint or parsley. Stir a teaspoonful of flour in the gravy add a little water, and boil up. Serve in a gravy boat.

WHITEWASH.

White wash.—Lime slaked with a solution of salt in water, and then properly thinned with skim milk from which all the cream has been taken makes a permanent whitewash for outdoor work, and, it is said, renders the wood incombustible.

LEMON BUTTER.—To fill tarts, take one cup of white sugar, three eggs, butter the size of half an egg, the juice and rind of one large lemon. Put this, after beating it well, into a bright basin and set it into a pan of boiling water. Stir it constantly until it is thick.

HEALTH HINTS. Dr. Henry Tucker recommends in the Southern Medical Record, the use of the following very simple remedy, in the treatment of hicough, namely: Moistened granulated sugar with good vinegar.

Is it hard for you to sleep? Try this remedy recommended by one of the best physicians in New York as having been most successful in his own case and with his patients. Take half a teacupful of water as warm as can be drunk with comfort, and with a slight dash of cayenne pepper in it.

HEART BEATS.—Dr. N. B. Richardson, of London, the noted physician, says he was recently able to convey a considerable amount of conviction to an intelligent scholar by a simple experiment. The scholar was singing the praise of the "ruddy bumper," and saying he could not get thro' the day without it, when Dr. Richardson said to him: "Will you be good enough to feel my pulse as I stand here?"

VARIETIES. A PROBLEM. Sandy and Ned were brothers; Ned was older than Sandy; And they were busy dividing A stick of peppermint candy.

SMITH & CHISHOLM 18 George Street, West of England Broadcloths, DOESKINS, DIAGONALS, HAIRLINES. SCOTCH AND ENGLISH Tweed Suitings, CORDUROYS in Seal-brown, Drab and Huntsman's Color, SPRING OVERCOATINGS, &C., Which they can make up at prices which will defy competition. A perfect fit and every satisfaction guaranteed.

1884 COLEMAN & CO. 1884 HAVE RECEIVED THEIR FALL AND WINTER STOCK OF HATS, CAPS AND FURS. SATIN AND FELT HATS THE LATEST STYLES FROM Lincoln, Bennett & Co, Townend & Co. and Christy, (of London).

McSHANE BELL FOUNDRY Manufacturers of all kinds of Brass and Iron Castings and Bells for Churches, Fire Alarms, Town Clocks, etc. Price List and circular sent free. Address HENRY McSHANE & Co., Baltimore, Md., U.S.A.

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Rockford Watches. Are unequalled in EXACTING SERVICE. Used by the Chief Mechanician of the U. S. Coast Survey; by the Admiralty commanding in the U. S. Naval Observatory; for Astronomical work; and by Locomotive Engineers, Conductors and Railway men. They are recognized as the best for all uses in which close time and durability are requisites.

Burlington Route. GOING WEST. ONLY LINE RUNNING TWO THROUGH TRAINS DAILY FROM CHICAGO, PEORIA & ST. LOUIS, THROUGH THE HEART OF THE CONTINENT by way of Pacific Junction or Omaha to DENVER, or via Kansas City and Atchison to Denver, connecting in Union Depots at Kansas City, Atchison, Nebraska, and Denver with through trains for SAN FRANCISCO, and all points in the Far West.

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IT IS TRUE! KIND WORDS. WHAT OTHERS THINK OF Buds and Blossoms.—The following is from The Christian at Work, a first-class religious weekly, published in New York: "In the City of Halifax, Nova Scotia, is published a monthly magazine called Buds and Blossoms and edited by J. F. Avery. Each number contains forty pages, plentifully and handsomely illustrated, and at 75 cents a year is certainly one of the cheapest publications extant.

SPECIAL OFFER!!! We will send back numbers till the end of 1884 for 50 cents, or for \$1.00 will take new names from date until end of 1885. So confident are we you will like it, we offer it for 25 cents remainder of the year. Send 6 cents for specimen and opinions of the press.

Buds & Blossoms. REV. J. F. AVERY, Editor, Mizpah Cottage, Kempt Road, Halifax, N. S. Aug. 6. CURES RHEUMATISM, GOUT, GRAVEL, NEURALGIA, HEADACHE, BRUISES, SPRAINS, COUGHS, COLIC, QUINSY, ERYSIPELAS, COLIC, CRAMP, OR RATTLE, HOARSENESS, BURNS, BRONCHITIS, NUMBNESS OF THE LIMBS, REMOVING DANDRUFF AND PRODUCING THE GROWTH OF THE HAIR, AND AS A HAIR DRESSING IS UNEQUALLED.

ALSO CURES Sciatica, Neuralgia, Headache, Paralysis, Toothache, Cramps, Bruises, Sprains, Coughs, Colic, Quinsy, Erysipelas, Colic, Cramp or Rattle, Hoarseness, Burns, Bronchitis, Numbness of the Limbs, removing Dandruff and producing the growth of the Hair, and as a Hair Dressing is unequalled.

\$500.00 REWARD offered for a better article, or the Proprietors of any remedy showing more Testimonials of genuine cures of the above diseases in the same length of time. There is nothing like it when taken internally for Cramps, Colic, Cramp, Colds, Coughs, Pleurisy, Hoarseness and Sore Throat. It is perfectly harmless, and can be given according to directions without an injury whatever.

SAVE THE NATION! 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 FOR INFANTS AND INVALIDS, is all that can desire. It is carefully put up in four sizes.

TRURO AND KENTVILLE Marble, Freestone AND GRANITE WORKS, A. J. WALKER, Prince Street, Truro. A. J. WALKER & Co., Church Street, Kentville. Jan. 9. to Dec. 31.

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

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CHRISTIAN MESSENGER Printing Office 69 & 71 GRANVILLE ST., HALIFAX, N. S. All kinds of JOB PRINTING Executed with neatness and despatch BOOKS, PAMPHLETS, CIRCULARS, BILL-HEADS, POSTERS, Business Cards Of all kinds, WEDDING CARDS, LADIES VISITING CARDS, TICKETS & LABELS At reasonable prices.

"CUSTOM TAILORING." H. G. Laurillard, 119 HOLLIS STREET, HALIFAX, N. S. Agency for New York Fashion For Superintendents and Teachers. FOR MINISTERS. For Scholars. J. B. KINNEY, ARCHITECT. Designs, Plans and Specifications prepared for all classes of Buildings. Also Rural Cemeteries surveyed and planned. Yarmouth, N. S. Oct. 12.

50 Lovely New Style All Chromo Cards, with name and a prize, for 10c. 12 packs, 12 names, for \$1. A sample pack and agent's outfit with illustrated catalogue of Tricks, and Novelties, for 5c stamp and this slip. A. W. KINNEY, Yarmouth, N. S. Oct. 8.

UNFERMENTED WINE, Prepared for Sacramental and Dietetic use By F. WRIGHT, Manufacturing Chemist Kensington High Street, London, W. "This WINE is guaranteed to be the purest of the finest grapes of the Cote d'Or, Andalusia, and the Medoc. It is perfectly free from Alcohol, and is guaranteed to be Pure Grape Juice. It has stood the test of 22 years continuous sale in every climate, and is now used in upwards of 1500 Churches of all denominations. The mode of manufacture is a slight modification of a well-known ancient practice, and effectually preserves the grateful flavor and the rich nutritious qualities unimpaired. It is therefore admirably adapted in cases of debility and fever, in which the stomach is too weak to digest other food. Children suffering from febrile ailments drink it with avidity, even when all other food has been refused.

THE PAD STARR KIDNEY MANUFACTURED IN TORONTO. A Permanent, rare cure for Diseases, Disorders and Affections of the Kidneys, Bladder and Urinary Secretive System, or Attendant Complaints—causing Pain in Small of Back, Sides, etc., producing Urinary Disorders, such as too frequent, Scanty, Difficult, Painful or Copious Menses, Inability of Retention and Sedimentary Urine, Dropsical Symptoms, etc., denoting the presence in the system of Diseases common to the Urinary Secretive Organs, known as Gravel, Catarrh of the Bladder and Passages; Bright's Disease, Diabetes, Dropsy, Piles, Nervous Debility, etc., etc. Pamphlets and Testimonials can be obtained from Drugists free. Prices—Child's Pad, \$1.50, (cures Bed-wetting); Regular Pad, \$2.00. Special Pad for Chronic Diseases, \$3.00. Sold by A. B. Cunningham, M. D., Annapolis; William A. Piggott, Granville; Geo. V. Band, Wolfville; J. B. North, Hantsport; W. H. Stevens, Dartmouth; Chas. F. Cochrane, Kentville; C. E. Borden, Canning, May 31.