

SCIENCE.

TRANSFUSION OF BLOOD.—The Presse, of Vienna, lately described an operation of the above kind successfully carried out by Professor Nothnagle in conjunction with Herr Ritter von Hacker.

A DOUBLE ARTESIAN WELL.—Selma has the most wonderful artesian well in the world. Two separate streams of water of entirely different properties flow from this well.

STEAM WHISTLES.—A correspondent of the Railroad Gazette recommends a steam horn instead of a steam whistle.

PRODUCT OF THE HEN.—The hen has in her ovaries, in round numbers, more than 600 egg germs, which develop gradually and are successively laid.

MEMORY.—A man's memory is like his stomach. To do its best work it must have good treatment.

USES OF PAPER.—Under the generic term of paper, other substances used in combination with paper pulp are comprehended in general descriptions and

occasional notices. When some wonderful story is read of the substitution of paper for wood, stone, the metals, for mortar, and plaster, and concrete, and other compositions, the reader should not understand that it is the material defined by Webster as "a substance formed into thin sheets or leaves made of pulp obtained from rags, straw, bark, or like materials, pressed and dried."

HEALTH HINTS.

TO CURE A COUGH.—Roast a lemon very carefully without burning it; when it is thoroughly hot, cut and squeeze into a cup upon three ounces of sugar, finely powdered.

A CHEAP EXPERIMENT.—A cure for rheumatism an English doctor has found in total abstinence from food. He declares that many cases of acute articular rheumatism have been cured by fasting from four to eight days, while chronic rheumatism was also alleviated.

Biliousness is the result of the bile not being withdrawn from the blood by the healthful action of the liver. The effect is that the skin or eyes get a yellow tinge, or there is loss of appetite, low spirits, and other discomforts.

FARM AND GARDEN.

A new breed of cows called the Guinea cow, has been developed in Georgia. It is a diminutive animal averaging only thirty-five inches in height, but a free milker, with a large bag, and is hardy and docile.

In France they have begun to use tobacco-juice vapor instead of smoke as an insecticide in greenhouses. The tobacco is made into an extract by soaking or boiling, and the juice is then placed over a chafing-dish, a fire, or the flame of an ordinary lamp and deposited in the greenhouse or conservatory.

scale insects and slugs. One quart of tobacco-juice, vaporized in a house containing 350 square feet, is an ample amount to clear it of insects.

VARIETIES.

Kate. There's a something in the name of Kate Which many will condemn; But listen now while I relate The traits of some of them.

There's the deli-Kate, a modest dame, And worthy of your love; She's nice and beautiful in frame, As gentle as a dove.

Communi-Kate's intelligent, As we may well suppose; Her fruitful mind is ever bent On telling what she knows.

There's the intri-Kate, she's so obscure, 'Tis hard to find her out; For she is often very sure To put your wits to rout.

Prevari-Kate's a stubborn maid, She's sure to have her way; The cavilling, contrary jade Objects to all you say.

There's the alter-Kate, a perfect pest, Much given to dispute; Her prattling tongue can never rest, You cannot hear refute.

There's the dislo Kate, in quite a fret, Who fails to gain her point; Her case is quite unfortunate, And sorely out of joint.

Equivo-Kate no one will woo; The thing would be absurd, She is so faithless and untrue, You cannot take her word.

There's the vindi-Kate, she's good and true, And strives with all her might Her duty faithfully to do, And battle for the right.

There's the rusti Kate, a country lass, Quite fond of rural scenes; She likes to ramble through the grass And through the evergreens.

Of all the maidens you can find, There's none like edu-Kate; Because she elevates the mind And aims at something great.

The post of janitor was vacant in a Kansas City schoolhouse, and many citizens applied for the place, but the trustees were most impressed by the application of a coloured man, named Jas. Dyer, and he was appointed. This is what he wrote:—

I want to be a janitor, And with the janitors stand— A coal hod at my elbow, A broomstick in my hand.

To do my work up decently, I'll strive and never tire; You'll perfect satisfaction get If you'll employ James Dyer.

A Southern gentleman has trained a pair of pet snakes to catch mice. His premises are free from mice, and the snakes are family pets, taking food from the hand fearlessly.

For the sake of recreation, Once I asked an explanation, From a young man (no relation), What was meant by "oculation," While I shifted my location To invite the sweet sensation.

Well, imagine my vexation When he gave me the translation, And its Latin derivation, And a lot of information, Like a pedagogue's oration, Just as if he were at school!— Wasn't he an awful fool? —Punch.

There is a jewel which no Indian mine can buy, No chemist can counterfeit; It makes men rich in greatest poverty, Makes water wine, turns wooden cups to gold, The homely whistle to sweet music's strain; Seldom it comes—to few from heaven sent— That much in little—all in naught—Content.

Never insult a milkman by asking him what watering place he is going to in the summer.

What a folly to dread the thought of throwing away life at once, and yet have no regard to throwing it away by parcels and piecemeal.

A studious man in dressing-gown and slippers, sitting in the midst of a choice library which is adorned with works of art and costly relics of antiquity, yet from which not a thought goes out to the intellectual or moral improvement of mankind, is a model of refined and fascinating selfishness.

5 DOLLAR GOLD PIECES FOR THE BOYS AND GIRLS.

WANTED! GIRLS AND BOYS EVERYWHERE to canvass and get subscribers for our magazine, BUDS AND BLOSSOMS AND FRIENDLY GREETINGS, a 38-page monthly—for 75 cts. a year. We offer beautiful illustrations, about a dozen in each number, and a supply of reading for the Home Circle. Get four new subscribers, and we will send you a copy for the year free, or if you would like cash payment you can keep 25 cents out of every dollar you get for subscriptions.

WANZER Sewing Machine. BEST IN THE WORLD.

Awarded First Prize wherever exhibited. Used and recommended by the leading DRESSMAKERS, TAILORS and SHOE-MAKERS.

THE WANZER MACHINE for FAMILY SEWING is the easiest running and quietest Sewing Machine made, and has more improvements than any other Sewing Machine. Price List and Circular sent free on application.

J. E. ROY & CO., Agents for Nova Scotia,

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AYER'S Sarsaparilla

cures Rheumatism, Neuralgia, Rheumatic Gout, General Debility, Catarrh, and all disorders caused by a thin and impoverished, or corrupted, condition of the blood; expelling the blood-poisons from the system, enriching and renewing the blood, and restoring its vitalizing power.

Inflammatory Rheumatism Cured. "AYER'S SARSAPARILLA has cured me of the Inflammatory Rheumatism, with which I have suffered for many years."

"Eight years ago I had an attack of Rheumatism so severe that I could not move from the bed, or dress, without help. I tried several remedies without much if any relief, until I took AYER'S SARSAPARILLA, by the use of two bottles of which I was completely cured. I have not been troubled with the Rheumatism since. How, sold by all druggists, or of your SARSAPARILLA, and it will retain its wonderful popularity. The many notable cures it has effected in this vicinity convince me that it is the best blood medicine ever offered to the public."

"Last March I was so weak from general debility that I could not walk without help. Following the advice of a friend, I commenced taking AYER'S SARSAPARILLA, and before I had used three bottles I felt as well as I ever did in my life. I have been at work now for two months, and my AYER'S SARSAPARILLA the greatest blood medicine in the world."

AYER'S SARSAPARILLA cures Scrofula and all Scrofulous Complaints, Erysipelas, Eczema, Ringworm, Itches, Sores, Boils, Tumors, and Eruptions of the Skin. It clears the blood of all impurities, aids digestion, stimulates the action of the bowels, and thus restores vitality and strengthens the whole system.

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by all Druggists; price \$1, six bottles, \$5.

HALIFAX STEAM DYE WORKS, 566 Upper Water Street, (Opposite H. M. Naval Yard)

Established 1871. JOHN HUBLEY, Proprietor.

COATS, Pants, Vests, Shawls, Sacques, Dresses, Cloaks, Curtains, Table Cloths, Cashmere Shawls, &c., Cleaned and Dyed to look like new.

FEATHERS DYED AND CURLED. Gents' Garments cleaned and pressed. Goods damaged by fire or water, faded or soiled, Coats Dyed to look like new.

Mourning Dyed at the shortest notice. Gents' Garments and Ladies' Dresses, all wool, Dyed and Pressed whole, without ripping.

AGENT—MISS CAROLINE LAWSON, 123 Barrington Street, opposite St. Paul's Church.

JOHN HUBLEY, 566 Upper Water Street, Cheapest Place in the city for Dyeing. Oct. 12.

HALIFAX MEDICAL COLLEGE.

The SEVENTEENTH SESSION of this institution will open on THURSDAY, OCT. 25, 1883. For any information or for copy of "Annual Announcement," address the Registrar, J. F. BLACK, M. D., 49 GRANVILLE ST., HALIFAX, N. S. Aug. 22. 10 ins.

30 YEARS!

Important trial of THIRTY YEARS decided, and a jury of half a million people have given their verdict that

MINARD'S LINIMENT! KING OF PAIN!

Is the best inflammation allayer and Pain destroyer in the world. 500 Medical men endorse and use it in their practice, and believe it is well worthy the name.

And now have a beautiful crop of Hair; and hundreds who have used it are willing to swear that by the use of Minard's Liniment they have obtained a new growth of Hair.

W. J. NELSON & Co., Proprietors, Bridgewater, N. S. Wholesale agents—Forsyth, Sutcliffe & Co., and Brown & Webb, Halifax. Feb. 14.

Paper Hangings AT WM GOSSIP'S, UNITED SERVICE Book & Stationery Warehouse,

NO. 103 GRANVILLE ST., HALIFAX, N. S.

ROOF PAPER

This season are very attractive. They are in time to escape the additional protective duty imposed by the Dominion Government, and will be sold at correspondingly low rates.

William Gossip, No. 103 Granville Street,

Also just received, a large assortment of Artists' Materials, Oil and Water Colours, &c. Drawing Paper, Canvases, Brushes, &c., &c. March 22.

1872 MUSIC CARD. 1883

The Gates' Organ and Piano Company, (Limited.) Capital \$60,000—Encourage Home Enterprise.

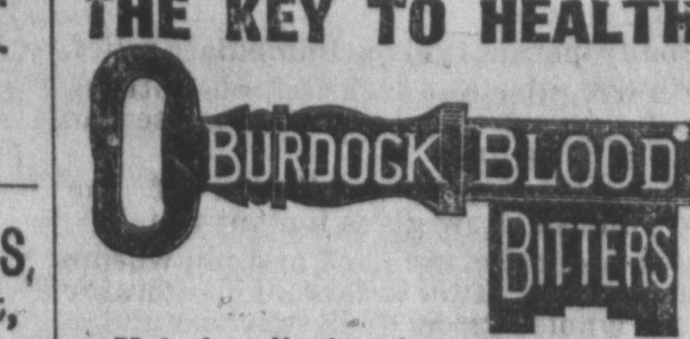
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"SUDDS" Famed 100 page Organ Instructor only \$2.50. New 300 page Piano Instructor only \$3.50 and \$2.00.

The Musical Journal published monthly by the Company, (120 pages New Music). Price only 60 cents per annum.

THE KEY TO HEALTH.



Unlocks all the clogged avenues of the Bowels, Kidneys and Liver, carrying off gradually without weakening the system, all the impurities and foul humors of the secretions; at the same time correcting Acidity of the Stomach, curing Bile-ness, Dyspepsia, Headaches, Bile-ness, Heartburn, Constipation, Dryness of the Skin, Dropsy, Dimness of Vision, Jaundice, Salt Rheum, Erysipelas, Scrofula, Fluttering of the Heart, Nervousness and General Debility; all these and many other similar Complaints yield to the happy influence of BURDOCK BLOOD BITTERS.

Sample Bottles 10c; Regular size \$1. For sale by all dealers. T. W. WILKINSON & CO., Proprietors, Toronto Oct. 4. year.

\$72 A WEEK. \$12 a day at home easily made. Costly outfit free. Address TRUE & Co., (Augusta, Maine) Sept. 29, 1880.

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Depository, 117 Granville St., Halifax, Secretary and Superintendent of Colportage, A. N. ARCHIBALD.

Ample supply of the best and most popular Sunday School Books published. HALF PRICE—Books of Religious Tract Society, London; STRONGEST BINDING, SUPERIOR TYPE. Sold both through the Depository and the Society's Colporteurs in lots to suit the Schools.

50 Volumes for from \$6.00 to \$8.00 The Committee have been selecting from the leading Publishing Houses of Great Britain and America for 15 years the choicest S. S. publications, and have made a specialty of Libraries, Periodicals, Lesson Helps, Cards, etc.

PELOUBET'S SELECT NOTES ON INTERNATIONAL S. S. LESSONS, postpaid \$1.25. HACKETT'S COMMENTARY ON ACTS, edited by Dr. Hovey, of Newton, postpaid, \$2.

People's Home Mission Agency.

The Society has been in operation 15 years. Colporteurs to the number of 102 have been employed, who have distributed Bibles and good books worth \$141,236 by sale, and books and tracts valued at \$10,081 by grant. Total grants by the Society, including those from Depot, more than \$16,000 worth. Time served by the Colporteurs equals that of one man for 142 years. Labrador, Newfoundland, Cape Breton, P. E. Island, Nova Scotia, New Brunswick, and a portion of Quebec have been explored. There have been found 1,525 families without God's Word; 2,582 families with no other religious book; and 2,545 families who habitually neglect attending any place of worship. The 26 Colporteurs employed in 1882 performed labor equal to that of one man for 12 years; found 205 Protestant families without Bibles, 279 with no other religious books, and 373 families who never enter the House of God. They sold books worth \$13,332, and made free grants to the value of \$913, as they made \$1,679 family visits, and held 625 religious meetings.

The books circulated are sound and good, teaching the truth of man by the fall, REDEMPTION through our Lord and Saviour Jesus Christ. They are eminently designed to spread abroad Divine truth, and they are accepted by those that in every place call upon the name of the Lord. They give no uncertain sound upon the essential doctrines of the Cross: Justification through the blood of the Redeemer, holiness through the sanctification of the Spirit, and complete redemption through God's grace alone. Books and tracts designed especially to awaken the impenitent and point to Jesus are imported in great numbers. "Almost 10,000 'Come to Jesus' were distributed last year.

The prayers of all God's people are earnestly requested for the Spirit's power to accompany the reading of the books and the evangelistic efforts of the Colporteurs. A copy of the last Annual Report, giving most interesting information and copious extracts from the Colporteurs' reports, will be sent on application to the Secretary.

American Baptist Publication Society.

As advertised last year, we continue to order the publications of the above Society upon which we allow a discount of FIFTEEN per cent, excepting periodicals, from the catalogue prices. As compared with the issues of the British houses these books are expensive. Catalogues will be supplied upon application, and those ordering can decide for themselves.

The Psalmist, published in the United States for 85 cents, we continue to sell for 75 cents. From our Depot and through Colporteurs about 5,000 Psalmists have been already sold.

Donations to Dec. 31st, 1882, in aid of Colportage, \$40,127; amount paid by Society to Dec. 31st, 1882, for Colportage, \$63,250.

Patronize the Depository and thus aid Colportage, to which all accruing profits are applicable. Jan. 31. 1y.

CARD.

BEING in possession of a valuable remedy for

And all difficulty in breathing, I have consented after numerous solicitations to make it known. Any individual so suffering can get valuable information by addressing

REV. G. FRED. DAY, Musquodoboit Harbor, N. S. May 9.