

FARM AND GARDEN.

NOTES ON MANURING.—Some farmers sow concentrated fertilizers on part of their ground and apply stable manure to the remainder.

Stable manure is often spoken of as the standard fertilizer and a complete manure in itself. It is so probably for corn, but for wheat and other small grains phosphate of lime is usually needed, and on sandy soils potash.

All manures deposited by nature are left on or near the surface. The whole tendency of manure is to go down into the soil rather than to rise from it.

The acids in muck have a strong avidity for ammonia and readily seize upon it. One ton of air dry muck contains five pounds of available ammonia.

So soon as the manure is entirely cleaned out of the barnyard the bottom should be covered with straw or other refuse material, to absorb the liquid excrement that would otherwise be wasted.

The manure from horses fed on grain heats more rapidly, and is more effective every way than that made from hay and straw.

NEW INSTRUMENT FOR ADMINISTERING MEDICINE TO HORSES.—An instrument for administering medicine to horses and other animals, just patented in England, is thus described by the British Live Stock Journal.

It consists of a drenching funnel, having an opening at its top about two inches in diameter, connected at its base to a bent tube with a hole in the centre.

There are also attached to the tube two pieces of flat iron and a long leather strap. The phlegm is administered to the animal by inserting the hollow tube into its mouth with the hole towards the throat.

VENTILATE THE HAY MOW.—Ventilation above a clover mow says a writer, is as necessary as it is above a sugar or fruit evaporator.

A concentrated solution of bichromate of potash and glue makes, it is said, a cement for repairing articles of broken glass which will resist boiling water.

Horses have been successfully cured of the vice of biting by putting a piece of hard wood an inch and a half square in the animal's mouth about the same length as an ordinary snaffle bit.

Adam was not a polygamist, although in his day he married all the women in the world.

adopted this plan with the zebra at the Zoo, which was a terrible brute at biting. Mr. Rarey succeeded, however, in taming and training him to harness, and drove him through the streets of London.

MILKING.—Milking in the barnyard, says an exchange, is an old fashion that should be abandoned. It is inconvenient and unclean.

TO RAISE PLANTS.—A lady, whose beautiful plants are the delight of her life and the envy of all her acquaintances, revealed the secret of her success for the benefit of the readers of the Evening Post.

The new glass invented in Vienna seems to have proved a success in the qualities claimed for it—that is, it is transparent and more brilliant than common crystal, can be cut and polished, and when fused, adheres to iron, bronze, and zinc.

The Monitor Industriel gives an account of the trial of an electric boat, at Geneva, on July 22nd. It was 20 feet long by 14 feet wide.

VARIETIES. A family named Redd passed through Georgia a few days ago, and they seemed to follow the name out in every fashion and peculiarity of their nature.

HUMAN OBESITY.—We reported on Saturday the death of the "fattest woman in the world," a member and special curiosity of Nathan's Cleveland Circus in America.

A distinguished New York artist was speaking of an acquaintance who has won some reputation in the world of letters.

An enterprising reporter, writing of a wreck at sea, stated that no less than fourteen of the unfortunate crew and passengers bit the dust.

Wun Lung is the short-winded name of a Chinese tragedian. He must have a voice like a penny whistle.

The following epitaph came before the Oldham Corporation Cemeteries' Committee for approval "Think what a wife should be, and she was that."

An Ohio breach of promise suit brought out letters on which the postage was 32 cents, and in which the word "darling" was used 620 times.

A Chinaman who was called as a witness in Queensland was asked how he would be sworn, when he replied: "Me no care, cack 'im saucer, kill 'im hen, blow out 'im matches, smell 'im book, alle samee."

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!

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, Bridge-water, N. S. Wholesale agents—Forsyth, Sutcliffe & Co., and Brown & Webb, Halifax, Feb. 14.

W. M. GOSSIP'S, UNITED SERVICE BOOK & STATIONERY WAREHOUSE.

NO. 103 GRANVILLE ST., HALIFAX, N. S. My importations of ROOM 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.

SOLD WHOLESALE by the bale of four or five hundred rolls, about twenty patterns in a bale, from 6 cts. a roll and upward. Send to William Gossip, No. 103 Granville Street, Halifax, N. S.

1872 MUSIC CARD. 1883 The Gates' Organ and Piano Company, (Limited).

Capital \$60,000—Encourage Home Enterprise. Prof. C. E. Gates, President; W. J. Gates, Manager; C. O. Gates, Superintendent. Factory TRURO, Warerooms HALIFAX & TRURO, N. S.

THE KEY TO HEALTH. BURDOCK BLOOD BITTERS

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;

Sample Bottles 10c; Regular size \$1. For sale by all dealers. W. H. BURNHAM & Co., Proprietors, Toronto Oct. 4, 1883 year

\$72 A WEEK. \$12 a day at home easily made. Costly outfit free. Address TRUE & CO., Augusta, Maine "Sept. 20, 1880.

THE GEM PHOTOGRAPH ALBUM.

Each album is in a handsome binding, and on the front cover is a hand painting of a bunch of flowers. Nothing is more appropriate as a gift or more pleasing to possess than a photograph album.

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.

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.

J. E. ROY & CO., Agents for Nova Scotia, 107 & 109 BARRINGTON ST., HALIFAX, N. S.

Paper Hangings AT W. M. GOSSIP'S, UNITED SERVICE BOOK & STATIONERY WAREHOUSE, NO. 103 GRANVILLE ST., HALIFAX, N. S.

Rev. Father Wilds' EXPERIENCE. The Rev. Z. P. Wilds, well-known city missionary in New York, and brother of the late eminent Judge Wilds, of the Massachusetts Supreme Court, writes as follows:

"78 E. 54th St., New York, May 16, 1882. MESSRS. J. C. AYER & Co., Gentlemen: Last winter I was troubled with a most uncomfortable itching humor affecting my chest especially my limbs, which itched so intolerably at night, and burned so intensely, that I could scarcely bear any clothing over them.

Ayer's Sarsaparilla cleanses, enriches, and strengthens the blood, stimulates the action of the stomach and bowels, and thereby enables the system to resist and overcome the attacks of all Scrofulous Diseases, Eruptions of the Skin, Rheumatism, Catarrh, General Debility, and all disorders resulting from poor or corrupted blood and a low state of the system.

DR. J. C. AYER & Co., Lowell, Mass. Sold by all Druggists; price \$1, six bottles for \$5.

HALIFAX STEAM DYE WORKS, 566 Upper Water Street, (Opposite H. M. Naval Yard) Established 1871. JOHN HUBELEY, Proprietor.

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

Wanted. LIVE ACTIVE AGENTS wanted in all parts of the Province to sell ELLIOT'S GENEALOGICAL and CHRONOLOGICAL CHART of British History.

Wanted. James F. Elliott, Box 77, P. O., Halifax, N. S. Nov. 22. 1 yr.

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.

Sunday School Headquarters. BRITISH AMERICAN BOOK AND TRACT SOCIETY, 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; STROGGER BINDER, 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 \$9.00. 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.

The books circulated are sound and good, teaching the ruin of man by the fall, REDEMPTION through the Holy Spirit, and 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.

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 55 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. 1 yr.

WANTED. LIVE ACTIVE AGENTS wanted in all parts of the Province to sell ELLIOT'S GENEALOGICAL and CHRONOLOGICAL CHART of British History.

To Agents of the right stamp a rare chance is offered, as the work is sold only by subscription. Send for Circular giving full particulars. Address JAMES F. ELLIOT, Box 77, P. O., Halifax, N. S. Nov. 22. 1 yr.