

pression in our favour was produced on the governments of Germany; and the very Senator, who twenty years before had said to me, "As long as I can move a single finger, it shall be lifted to crush you," now said, "Mr. Oncken, your conduct, and that of all your members, has been so noble that we must give you all you ask; and henceforth anything I can do to serve you I shall be happy to do"; and he remained our friend until his death.

In 1857 a concession was granted to the Hamburg Church by the Senate, securing to us the right of public worship, the administration of the ordinances and the civil privileges of a corporate body; and the subsequent decree of the Senate and Burgerschaft, which came into force on January 1, 1866, placed all religious denominations on a perfect equality.

Thus in Hamburg were forty-three years before the mission was commenced in the most unfavourable circumstances, exposed to the persecutions of both civil and ecclesiastical authorities, who were determined to destroy it, our adorable Lord, in whose name, and by whose bidding, it was undertaken, made good His gracious declaration, "All power is given unto Me in heaven and in earth." Men have shown what they could do, but Christ has proved that "No weapon formed against Zion shall prosper."

FARM AND GARDEN.

Fanny Fern tells a nice little story of a woman who, by buying a Little Brahma rooster to consort with her common barnyard hens, increased the average weight of her dressed poultry by two to two and a half pounds apiece. They are considered the best layers in winter.

CHOKING CATTLE.—When a cow chokes on apples just push down the animal's throat a rubber hose until the obstruction is forced into its stomach. Keep a hand for this purpose a 1 1/2 inch rubber hose four or five feet long. When the hose is not very stiff a stick may be put inside to give it the required tension. The rubber being smooth, causes the animal no pain.

Meal stirred in pepper tea is excellent for fowls in cold weather; add a little sulphur once in a while. Then give green food once in a while, with an ample supply of whole, sound corn, and you can hardly fail to get a good supply of eggs if the fowls have anything like decent winter quarters.

CELLARS.—It is the sudden changes that have a bad effect upon roots. Ventilation should, of course be had all the time. On very cold nights the ventilation can be decreased; but cold is better than heat.

ABOUT FERTILIZERS.—The manure heap is the farmers' bank, 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. There is probably very little if any loss of nitrogen from evaporation of manure, unless it is put in piles so as to ferment. Rains and dew return to the soil as much ammonia in a year as is carried off in the atmosphere.

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 soil potash. This is shown by the fact that the manure alone creates a heavy growth of straw, without proportionate increase in grain.

Land and Water suggests the following plan for the compost receptacle:

In some convenient place lay down a sound floor or concrete, and have a roof to cover it, but open at the sides. Upon the floor collect weeds and every other kind of waste vegetable matter, road scrapings, border edging, in fact the greater the variety and the more of it the better. Keep it moist (not over wet), and turn it over occasionally—at the same time a little salt may be sprinkled over it with great advantage. When sufficiently decomposed this will form a most valuable manure, highly rich in nitrogen in such a form as to be readily taken

up by the crops. Use the liquid of cattle and the domestic liquid waste from the house, and it will surprise many what a store of good manure will soon accumulate.

MIXING MANURE IN WINTER.—When teams are not otherwise employed at this season it is a good plan to draw the pile of horse manure around horse stables and spread it over the heaps of cattle and sheep droppings. The manure of the horse and the cow especially are admirable supplements each to the other, that from the horse being naturally too active, and that from the cow too slow. Enough bedding should be placed under horses to absorb all the moisture, so that none be wasted.

CORN AND COB MEAL.—Grinding corn and cob together is becoming more popular than it once was. There is, undoubtedly, some nutritive value in cobs, as it is shown by the true story of the poor widow who wintered her cow mainly on corn cobs. The corn meal alone is too rich and concentrated food, and if something should be put with the meal as a divisor, why not the cob on which the corn originally grew? Oats or barley ground with corn in the ear will enable the miller to pulverize the cob much more finely, and besides largely adds to the value of the meal.

England imported last year 60,705,170 lbs. of butter, but less than a tenth came from the United States, the more carefully made butter of Denmark, Norway, and Sweden securing the market at higher prices.

SUCCESSFUL PIG FEEDING.—An Irish neighbor speaking of his success at pig feeding, said, "A man must look at his pig frequently. Yes no pig will do well unless you look at him frequently." A rushing, busy neighbor, who never took time even to count his pigs, but pitched them their corn and hastened away to his work, always was complaining of his bad luck with his pigs. His next neighbor, however, had fine success. When he went to feed he first saw that the trough and feeding floor were clean, and then looked over his pigs to see if they were all there. If one or more were missing he spared no time in seeing what the matter was and where they were. The laggards found, and his pigs all at the table, he put in the slop, always careful that it was not too sour or that it varied little from what he usually fed; and he then enjoyed seeing how every pig pitched in for its share. When they were called for the corn he had time to get in among them and spread the corn out so all could get it readily, without crowding and fighting for it. He even had time to rub the backs of a few favorites, and to stand and look at them eat. His neighbor, commenting on his laziness, said, "B would hang on the fence a half hour looking at his pigs eat; and he did this three times a day, yet he always has good luck with his pig, and I know he don't feed as much as I do."

This circumstance illustrates about the same principle in the Irishman's plan of looking at them frequently. The successful feeder likes to feed, likes to see them eat, and likes to keep things in order about the pens and feeding floor, that the pigs may enjoy what they eat; and when that is eaten he loves to see them find comfort in cool shade, or to bathe in a clean stream, if he can have it so.—Breeder's Gazette.

IN THE CRUCIBLE. Out from the mine and the darkness, Out from the damp and the mould; Out from the fiery furnace, Cometh each grain of gold; Crushed into atoms, and levelled Down to the humblest dust, With never a heart to pity, With never a hand to trust.

Molten and hammered and beaten— Seemeth it ne'er to be done; Oh! for such fiery trial, What hath the poor gold done? Oh, 'twere a mercy to leave it, Down in the damp and the mould. If this is the glory of living, Then better be dross than gold.

Under the press and the roller, Into the jaws of the mint; Stamped with the emblem of freedom, With never a flaw or dint; Oh, what a joy the refining! Out from the damp and the mould, An stamped with a glorious image, Oh, beautiful coin of gold!

—Ella Mafferty. Palliate crime, and you mock conscience.

SCIENCE.

WHY DO ANIMALS NEED SALT?—Prof. James E. Johnson, of Scotland, says:—"Upwards of half the saline matter of blood (fifty-seven per cent.) consists of common salt, and this is partly discharged every day through the skin and kidneys. The necessity of continued supplies of it to the healthy body becomes sufficiently obvious. The bile also contains soda (one of the ingredients of salt) as a special and indispensable constituent, and so do all the cartilages of the body. Stint the supply of salt, therefore, and neither will the bile be able properly to assist digestion, nor the cartilage to build up again as fast as it naturally wastes. It is better to place salt where stock can have free access to it than to give it occasionally in large quantities. They will help themselves to what they need if allowed to do so at pleasure; otherwise, when they become 'salt hungry,' they may take more than is wholesome."—Empire State Agriculturist.

PROPOSED MINING EXHIBITION.—Steps are taking to hold an International Mining Exhibition in London next year. The arrangements are in the hands of Mr. A. Zeehandelaar, who was awarded a diploma of honor at the Amsterdam Exhibition for his display of minerals from over four hundred mines in Utah, Montana, and Idaho, and it is intended as far as possible to bring together everything appertaining to mines and minerals in the world.—Mining Journal.

An average cow, for dairy purposes, should give twenty pounds of milk per day during 200 days of every year, eight pounds of cream for every 100 pounds of milk, forty-five pounds of butter from every 100 pounds of cream, and fully 100 pounds of cheese from every 100 pounds of milk.

By an ingenious arrangement of quadrants and mechanism the new clock of the Royal Courts of Justice in England will turn its own gis on and off at the proper hours for every season.

An organ has lately been completed at Ludwig-burg for the cathedral at Riga, which is said to be the largest in the world. It has 7,000 pipes, 124 stops, and the necessary complement of pedals, &c. The "swell" arrangement is constructed so as to allow the increase and diminution of sound to be effected with singular precision and delicacy of effect. This organ is over 65 feet high, 36 feet broad and 33 feet deep. The largest wooden pipe is nearly 35 feet high, while the smallest, which is attached to the largest one, is only a centimetre or a half, or a little more than half an inch high. The pipes of this great instrument are filled by machinery worked by a gas-engine of four horse power.

VARIETIES.

At a certain Ladies' Seminary, remarkable for the shortness of its commons, one of the rules of the establishment was that each boarder, in turn, should recite a verse from Scripture just before commencing dinner. A young lady from the rural districts, whose imagination revelled in the good things of life as they were wont to be exhibited on her father's table, thus delivered herself at the appointed time: "How many hired servants of my father's have bread enough and to spare, and I perish with hunger." That girl was asked, in future, if she would take anything more.

The soft paw of sinful pleasure contains claws of pain.

The man who sells rum barbers away every principle of right, love and justice for the greed of gold.

Sinful mirth is the counterfeit of joy.

Temptations overcome, prepare for a wiser and more resolute confidant.

CHOICE.—It is a tremendous thought that God has put into my own hand the responsibility of being eternally saved or lost. This question must be decided and I must decide it. I must choose. You know your duty. Don't say you don't. You ought to choose. You must choose. Why not choose now? Choose you this day whom you will serve. Don't cling to things which can't save you. Let go of all and fall into Christ's open arms. "He is able, He is willing, Doubt no more."

WATCHES, WATCHES, WATCHES, AND 5 DOLLAR GOLD PIECES.

FOR THE BOYS AND GIRLS who will canvass and get 20 new subscribers. Send 6 cents for specimen of BUDS & BLOSSOMS and FRIENDLY GREETINGS to REV. J. F. AVERY, Editor, Mispah Cottage, Kempt Road, Halifax, N. S.

BUDS & BLOSSOMS is becoming a well-known magazine. The editor Rev. J. F. Avery offers to send his 40 page illustrated monthly, price 75 cts., for the year, if prepaid.

Free-A WATCH to any person getting 25 New Subscribers and sending the cash for BUDS and BLOSSOMS. The Watch is useful, substantial and good looking. We make this special and tempting offer because we want to introduce the magazine. Believing

Buds & Blossoms own merits will gain many friends. Send cash by Post Office Order or registered letter. Vol. VIII commences 1884. January number ready about 20th December. Dec. 5.

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; at the same time Correcting Acidity of the Stomach, curing Bileousness, Dyspepsia, Headaches, Dizziness, Heartburn, Constipation, Dryness of the Skin, Dropsy, Dimness of Vision, Jaundice, Salt Rheum, Scapulas, Scrofula, Fluctuating 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. J. C. AYER & Co., Proprietors, Lowell, Mass. Oct. 4, 1883.

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 more especially my limbs, which itched so intolerably at night, and burned so intensely, that I could scarcely bear any clothing over them. I was also a sufferer from a severe catarrh and catarrhal cough; my appetite was poor, and my system a good deal run down. Knowing the value of AYER'S SARSAPARILLA, by observation of many other cases, and from personal use in former years, I began taking it for the above-named disorders. My appetite improved almost from the first dose. After a short time the fever and itching were allayed, and all signs of irritation of the skin disappeared. My catarrh and cough were also cured by the same means, and my general health greatly improved, until it is now excellent. I feel a hundred per cent stronger, and I attribute these results to the use of the SARSAPARILLA, which I recommend with all confidence as the best blood-purifier and cathartic. I took it in small doses three times a day, and used, in all, less than two bottles. I place these facts at your service, hoping their publication may do good. Yours respectfully, Z. P. Wilds."

The above instance is but one of the many constantly coming to our notice, which prove the perfect adaptability of AYER'S SARSAPARILLA to the cure of all diseases arising from impure or impoverished blood, and a weakened vitality.

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

AYER'S CATHARTIC PILLS.

Best Purgative Medicine cure Constipation, Indigestion, Headache, and all Bilious Disorders. Sold everywhere. Always reliable. Feb. 7, 1883.

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 Cloths, Cashmere Shawls, &c., Cleaned and Dyed to look like new. Silk Ribbons, Scarves, Crapes Shawls, Sutan Neckties, &c., Dyed all Colours.

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.

AGENTS—MISS CAROLINE LAWSON, 87 Barrington Street, Mrs. G. STREET, 100 Gerrish Street. JOHN HUBELEY, 566 Upper Water Street, Cheapest Place in the city for Dyeing. Oct. 12.

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 and a great deal more than we have claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated FOOD, grateful to the most delicate and irritable stomach, and especially adapted for the INFANT and GROWING CHILD. Invalids, Nursing Mothers, and those suffering from INDIGESTION will find on trial that RIDGE'S FOOD FOR INFANTS AND INVALIDS, is all they can desire. It is carefully put up in four sizes. Constant users will find our No. 4 size (always the most economical size to buy) now much larger than formerly, thus materially lessening the expense.

WOOLRICH, Dispensing and Family Chemist, Upper Water St., Depot for Ridge's Food, Pick-me-up Bitters, &c., with a well-assorted stock of Pure Drugs. April 17

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My importations of ROON 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.

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No. 103 Granville Street, Also just received, a large assortment of Artists' Materials, Oil and Water Colours, &c. Drawing Paper, Canvas, Brushes, &c., &c. March 22

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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 \$141,285 by grant. Total grants by the Society, including those from Depot more than \$18,000 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 1,325 families without God's Word; 2,582 families with no other religious book; and 2,646 families who habitually neglect attending any place of worship. The 28 Colporteurs employed in 1882 performed labor equal to that of one man for 124 years; found 208 Protestant families without Bibles; 279 with no other religious books, and 873 families who never enter the House of God. They sold books worth \$13,232, and made free grants to the value of \$913, as they made 81,679 family visits, and held 625 religious meetings.

The books circulated are sound and good, teaching the ways of man by the full, accurate exposition by the Holy Spirit, and showing the way 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 doctrine 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 impatient 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 ridding of the houses and the evangelistic efforts of the Colporteurs. A copy of the last Annual Report, giving much 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 5,900 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, 1883.

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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. How pleasant to look at the faces of friends and acquaintances, bringing up pleasant memories of those who are perhaps far away, or may have long since departed. In order to meet the increasing demand for these goods, we have imported a large stock and offer them at the following low prices. Price, 10 cts; 3 for 25 cts; 12 for 75 cts. Sent by mail, post-paid. Agents wanted for visiting cards, books, and novelties. 12 fine samples and outfit for 5c stamp. Return this slip and address.

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