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THE VELOCITY OF THE MOON .-We can faintly picture, perhaps, how the lunar orbit, to see the moon-a moving world—rush by with a velo- less than last year. city greater than that of the cannonball in its swiftest flight; but with were, brought down to him.

The reader who has ever ascended

to the Superga at Turin, will recall the magnificent view, and be able | QUICKLY .- As early as the leaves to understand the good fortune of of trees can be collected, let them an observer (Forbes) who once had be brought in a considerable quanthe opportunity to witness thence | tity, into a close place, and dressed this phenomenen, and under nearly up there in the form of a hot-bed. a cloudless sky. "I perceived," he Let this be well saturated with the says, "in the southwest, a black drainings from the dung-heap, with shadow like that of a storm about suds from the wash-house, with to break, which obscured the Alps. from the stable and cowhouse liquid It was the lunar shadow coming to- where this latter article can be proward us." And he speaks of the cured. Let this bed or heap be "stupefaction"—it is his word caused by the spectacle. "I confess," he continues, "it was the most terrifying sight I ever saw. As al- subsided, let the leaves be uncovered ways happens in the case of sudden, and turned over, to mix the dry and silent, unexpected movements, the wet well together, and if moisture spectator confounds real and relative | te required, let them have it of the motion. I felt almost giddy for a same description, repeating the promoment, as though the massive build- cess till all be reduced to fine mould. ing under me bowed on the side of This will be ready for use in two the coming eclipse." Another wit- months from the time of collecting ness, who had been looking at some | the leaves, and to prevent any waste bright clouds just before, says: of the liquid recommended, a layer "The bright cloud I saw distinctly of maiden earth, of two feet thick put out like a candle. The rapidity should be made the substratum, of the shadow, and the intensity, produced a feeling that something material was sweeping over the earth at a speed perfectly frightful. involuntarily listened for the rushing noise of a mighty wind."-Century.

THE WEALTH FROM INVENTIONS .-Senator Platt, in his vigorous speech in Congress last winter in support of the patent laws, claimed that two-thirds of the aggregate wealth of the United States is due to patented inventions. That twothirds of the \$43,000,000,000 which represents the aggregate wealth of the United States rests solely upon the inventions, past and present, of this country.

Mulhall, in his "Progress of the vention of machinery has given man-12,000,000 women working by hand. more and better butter. A single shoe factory in Massachusetts turns out as many pairs of boots as 30,000 bootmakers in Paris. -Sc. American.

N. Y .- Adam Ruhlman & Son have a | their jackets? I say most decidedly pond on the Wakeman farm from in jackets?" writes Professor Matand other places. This fall they de- reasons. From fifty-three to fiftycided to increase its capacity, and six per cent of the saline constituents of solid limestone rock, when it blood-so important that in Nor-

FARM AND GARDEN.

show an average of 23 and 74 bush. jacket, and this difference is evidently | will find a healthier set of men than an acre respectively. The root saline."

crop is generally excellent. Fruit is effected by the oxygen of the atmostrees are in a healthy condition, but phere getting up a termentation. If a with the exception of apples the crop of the season has been less it would seem, from a station near than the average. The area of fall

MAPLE SAPLINGS .- After the fall equal speed its shadow actually rains small maple seedlings may be travels along the earth; and now, if | found in any maple grove, and they we return from our imaginary may be pulled up by the fingers. station to a real one here below, Hundreds can be collected in an we are better prepared to see why hour where they are abundant. this flying shadow is such a unique | These little seedlings may be transspectacle; for, small as it may be planted to a rich place in the garwhen seen in relation to the whole | den, two feet apart each way. In globe, it it immense to the observer | three or four years these trees will whose entire horizon is full with it | be fit for transplanting, and they and who sees the actual velocity of will overtake maple saplings one of the heavenly bodies, as it which are transplanted from the woods when ten feet high.

> TO PREPARE VEGETABLE MOULD covered and lined with fresh stable manure to make it heat.

When the heating is sufficiently which would receive any of the valuable liquid that would otherwise run to waste. Leaves of slow decomposition should be avoided, as those of the Oak, etc, which, however are the best for retaining heat in hot- beds and pits. The leaves of Fir should also be avoided, but those of the Sycamore, Elm, Alder, Maple, and, all the soft kinds are better suited for the purpose. This compost should be kept dry, in an airy place, and ridged up, so that the rain cannot wash out the salts with which it abounds. - Gardener's

BITTER CREAM .- At this season the herbage is less nutritious after having been frozen. The cows give World," writes that in effect the in- less milk and the cream rises so slowly that mould forms before takkind an accession of power beyond ing it off, which causes a bitter calculation. The United States, for taste. This may be remedied by example, make a million sewing heating the milk after straining, which machines yearly, which can do as will cause the cream to rise more much work as formerly required quickly and when churned to make

HOUSEHOLD.

POTATOES IN THEIR JACKETS .-"Should potatoes be peeled before FLOWING WELL NEAR LOCKPORT, cooking or should they be boiled in which they supply ice to Lockport | tien Williams, "and will state my drilled an artesian well to flood it. of the potato is potash, and potash The drill passed through 114 feet is an important constituent of the struck a water seam from which the | way, where scurvy once prevailed water spouted high above the top of very seriously, it has been banished the well, and has been flowing at since the introduction of the potato, the rate of 25,000 barrels of ice and, according to Lang and other cold water a day. It is one of the authorities, it is owing to the use of greatest artesian wells in existence. this vegetable by a people who formerly were insufficiently supplied with saline vegetable food. Potash salts are freely soluble in water, The report of the Bureau of In- and I find that the water in which dustries for November deals chiefly potatues have been boiled contains with the grain and root crops of potash, as may be proved by boiling Ontario. The harvest of grain crops | it down to concentrate, filtering, and has been even more bountiful than adding the usual potash test, platithey appeared by the August esti- num chloride. It is evident that mates. The quality of the grain is the skin of the potato must resist generally excellent, being plump, this passage of the potash into the hard and heavy, excepting barley, water, though it may not fully prewhich is badly discolored by rain, | vent it. The bursting of the skin and the bulk of it does not rank occurs only at quite the latter stage higher than second grade. Wheat of the cookery. The greatest pracis remarkably free from defects of tical authorities on the potateany kind. The average yield of the | Irishmen-appear to be unanimous; spring and fall varieties is 22 bushels I do not remember to have seen a per acre, or nine more than last year. | pre-peeled potato in Ireland. I find Oats show a large yield. The yield I can at once detect by the differof peas is 3 000,000 bushels more ence of flavor whether a potato has than last year. Beans and corn been boiled with or without its

little cider is drawn every day and turned again into the barrel, it will carry more or less oxygen with it. A little old vinegar turned into the cider wheat sown this year is somewhat barrel will hasten the change even more than cider will.

> STEAK-PIE OR PUDDING .- In making, sprinkle about half a teaspoonful of moist sugar over the steak along with pepper and salt; it not only improves the flavor, but makes the meat very

HEALTH HINTS.

TIRE DEYES.—People speak about their eyes being fatigued, meaning that the retina, or seeing portion of the brain, is fatigued, but such is not the case, as the retina hardly ever gets tired. The fatigue is in the inner and outer muscles attached to the eyeball and the muscle of accommodation, which surrounds the lens of the eye. When a near object is to be looked at, this muscle relaxes and allows the lens to thicken, increasing its refractive power. The inner and outer muscle to which I referred are used in covering the eye on the object to be looked at, the inner one being especially used when a near object is to be looked at. It is in the three muscles mentioned that the fatigue is felt. and relief is secured temporarily by closing the eyes or gazing at far distant objects. The usual indication of strain is a redness of the rim of the eyelids, betokening a congested state of the inner surface. accompanied with some pain. Rest is not the proper remedy for a fatigued eye, but the use of glasses of sufficient power to render unnecessary so much effort to accommodate the eye to vision.

are pests of country districts often to a greater extent than of towns, could be prevented in a majority of instances by proper attention to drainage around the farm house. The expenses of drainage need not be great. Where cement tiles for drains are not procurable they may be made by using sheet iron moulds-inner and outer-and then tamping the grout in a little at a time by a long, slender iron tamp. After being set aside a short time the cement becomes set. The moulds are made so as to be parted on hinges. When only one mould is used, cement tile making would be too slow a process. and where many are used it is well for farmers to combine to buy them or have them made; or better still it will pay to get some tile-maker to make some cement tiles. To prevent gas escaping from the drains into the house or cellar, a syphon inverted should be used. The water settling in the bottom of the syphon will prevent, under ordinary circumstances, all escape of gas into the building, while it will freely allow drainings to escape down the pipe. The outlet into a field drain, ditch or hollow should, if possible, be sufficiently high to prevent back water in storms driving gas up through the syphon Where an outlet such as described cannot be found, a pipe running from the drain to a little above the ground will allow of the escape of gas outside the farm house. The drainage of farm houses is the most crying sanitary reform in country districts.

Diphtheria and typhoid fever, which

VARIETIES.

As a rule, man's a fool. When it's hot be want's it cool; When it's cool he wants it hot: Always wanting what it's not; Never liking what he's got, I maintain, as a rule, Man's a fool.

- Every Other Saturday .

The following is the interesting inscription on a neglected red sandstone slab in the Masonic cemetery at Frederick burg, Va :- " Here lies the body of Edward Heldon, Practitioner in Physics and Chirargery. Born in Bedfordshire, England, in the year of our Lord 1542. Was contemporary with and one of the pall-bearers of Wm. Shakespeare, of the Avon. Atter a brief illness his spirit ascended in the year of our Lord 1618-aged 76." the history of the stone is involved in mys-

A physician says: "If a child does not thrive on fresh milk, boil it." He doesn't state how long the child should be boiled. We should think there would be danger of leaving it to boil too long .- Norristown Herald.

Writers on health say that persons should repose on the right side only, and claim it is injurious to lie on both sides; but we don't know where they the lawyers.



Oct. 29. lyr.



When such valuable remedies are within your reach?

Life of Man Bitters

Will cure most all diseases of the Lungs-Liver and Kidneys, including the worst cases of Dropsy, and is certainly the best blood purifier known.

Invigorating Syrup Cures Dyspepsia, Coughs, Colds, Head, ache, Worms, acts as a gentle physic, and should be kept in every household for all emergencies.

Acadian Liniment Cures Diphtheria and Sore Throat, Rheu-

matism, Quinsy, Cuts and pains of all kinds, as well as for all other ailments Nerve Ointment Is truly a household necessity, and is

Chapped Hands, Cutaneous Eruptions of the Skin, and a hundred ailments flesh is Vegetable Plaster Cures Boils, Cuts, Cracked Hands and

used externally and internally for the

Lungs, Piles, Sores, Cuts, Burns, Scalds,

Lame Back, being put up in tin boxes, it is one-third cheaper to use than those ready spread, beside being so much better. Certain Check

Cures Cholera, Diarrhœa, and all like

complaints in children and adults. Eye Relief

Cures all forms of Sore Eyes, Piles and Chilblains. Don't forget to try it this All the above preparations are manu-

factured by C. GATES SON & CO., Middleton, N. S. Send for pamphlets of cures. Sold by all respectable Druggists and Dealers. Nov. 26.

18 George Street,

Have on hand a full line of

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. 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). -ALSO-

A Large and Personally selected Stock of URS

SEAL & ASTRACHAN JACKETS & DOLMANS. Cashmere Circulars and Dolmans Lined with Squirrel and other kinds of

-ALSO-Fur Collars and Capes, Boa's Trimmings, Muffs, etc. A very cheap lot of SHOULDER CAPES

Buffalo and other Robes, Trunks, Valises, etc., 143 CRANVILLE STREET,

19 Furs Repaired and Altered. " Oct. 22.

HALIFAX, N. S.



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. But better still, it is one of the best. Its pages are full of the gospel spirit excellent temperance sketches, missionary intelligence, short stories, household hints and suggestions, all entertaining clean and wholesome literature, suitable for the home and family circle, and calculated to promote purity and knowledge among its readers. We do not know what the circulation of this excellent publication may be, but of this we are sure, it ought to be double whatever it is, for it is just the right kind of reading to be put into the hands of young folks; bright, cheery, hopeful and strong, without cant or sickly sentimentality. We hold it as an indisputable truism that when an opportunity offers to promote the circulation of such literature among the young it becomes a religious duty to do so. Send to the publisher for a specimen copy, and you'll find that we have not said one half the good things we might concerning it."

We will send back numbers till the end of 1884 for 50 cents, or for \$100 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

Buds & Blossoms.

REV. J. F. AVERY, Editor, Mizpah Cottage, Kempt Road, Halifax, N. S. Aug. 6.



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

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without any injury whatever.

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Co., and Grown & Webb, Halifax.

SAVE THE NATION I

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

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 Ridges Food, Pick-me-up Bitters, &c., with a well-assorted stock of Pure Drugs.

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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 illius-trated catalogue of Tricks, and Novelties,

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UNFERMENTED WINE,

Prepared for Sacramental and Dietetic By F. WRIGHT, Maunfacturing Chemist

Kensington High Street, London, W. "This WINE is guaranteed to be the uice 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 facture is a slight modification of a wellknown ancient practice, and effectually preserves the grateful flavor and the rich nutri tious 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.

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Formerly Professor at Mount Allison, Wesleyan College, Sackville, N. B. Sackville, May 23rd, 1882.

" I have just finished the analysis of the Wine sent. It is necessarily a slow process, wine contains No ALCOHOL, nor any dele terious ingredient. * * * It can be relied on as wholesome, not having any intoxicating properties. * * * FOR SALE AT

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A Permanent, sure cure for Diseases. Disorders and Ailments 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 Mensuration, Inability of Retention and Sedimentary Urine, Dropsical Symptoms. 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 ob-tained from Druggists free.

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A. B. Cunningham, M. D., Annapolis; William A. Piggott, Granville; Geo. V. Hand, Wolfville; J. B. North, Hantsport; W. H. Stevens, Dartmouth; Chas. F. Cochrane, Kentville; C. E. Borden,