THE SUPPLIES OF STOCK.

In 1868 and subsequent very dry years the scarcity of grass and other stock-feed obliged the breeders to sacrifice their stock at ruinous prices, thus diminishing their capital and discouraging the breeding of stock. It is to be hoped and expected that the present very high prices of lean and fat stock will greatly stimulate increased stock-breeding. The increase of population and industrial prosperity cause a greater demand for animal food, and a consequent rise in price. I do not think that meat will be cheaper for some years to come. I have always had an opinion that we do not, as farmers make meat enough, and it is evident that with so vast an extent of grass land (half of the kingdom), much of it very poor, we shall be often subject to the evils arising from dry seasons on permanent pastures. An ample and more certain supply of stock food can be produced on arable land by growing winter and spring beans, clover winter tares, Italian ryegrass, mangle, turnip and cabbage, and winter oats. all available for animal consumption. By the use of cake and foreign corn, with cut straw, &c., much meat may be made. All this requires a greater acreable capital than is generally invested - J. J. Mechi in Markham Express.

A GREAT CANADIAN VINEYARD .-One of the finest vineyards in Canada is said to be that of the Reesor Brothers, of Markham, although, as yet, it is young. They have six acres of vines in bearing on lot 10, in the 7th con. of Markham. They are of the best varieties that fully ripen in this climate. There are about 4000 vines of Delaware, 1000 Concord, 500 of Hartsford Prolific, and other varieties. This is the first year in which the vines are all in bearing. The Markham "Economist" says, to see the rich loads of fruit would repay a drive of some distance, We are pleased with the success of this enterprise, because it supplies an article that people used to think could only be produced in the United States; and while it is the most delicious fruit, it is by far the most wnolesome in use.

MILK STATISTICS.—Sixteen quarts of pure milk are required to make one pound of butter, and ten quarts to make one pound of cheese. When butter is forty cents a pound and cheese eleven cents, one pound of butter equals in value sixteen quarts of milk and returns two and one-half cents per quart to the dairyman. But one pound of cheese from ten quarts of milk only gives him one and one-eleventh cents per quart for the milk .- Ohio Farmer.

"Arbour Day" is the new holiday in Nebraska, which is to be observed every year on the 10th April. It is an agricultural festival purely, and is devoted to the planting of fruit and forest trees. The State Agricultural Society has offered a premium of \$100 to the Farmers' Society of the county which plants the largest number of trees on the 10th inst., and \$25 to the man who individually plants the most.

California sets an example to her sisters in taking the lead in several important measures affecting her material interests. Her latest example in this line is the appointment of a professional arboriculturist, at a salary of \$15-00 a year, whose sole duty is to attend to the planting of fcrest trees all over the State. No better movement than this could be conceived and executed, and it gives a hope for other and older states.

COLD SLAW .- Cut the cabbage rather fine into a basin or large bowl; sprinkle a little salt over; then with a potato masher thoroughly bruise the cabbage. then take three tablespoonfuls of sugar; half a pint of best sweet cream; four tablespoonfuls vinegar stir well together and mix through the cabbage. The cabbage should not be too green. Many persons do not know the value of cream in cooking; it is far preferable to butter in a great many things-Rural New Yorker.

Dr. Livingstone tells of grass in Africa which is over half an inch in diameter in the stalk, and from ten to twelve feet high. Only elephants can walk through it.

Good potatoes and corn have their eyes and ears about them.

Scientific.

THE SEA AT THREE MILES' DEPTH.

The submarine investigations carried on at Government expense, under the direction of the British Association of Science, have disclosed some interesting facts in relation to the character of the bottom of the sea.

These researches having been carried on by means of a small dredge-a rectangular frame forming the mouth of a bag of netting, which is protected from wear by a leather or canvas flap. The whole apparatus, attached to a rope of suitable length, is dropped to the bottom of the sea and dragged along a certain distance, scraping on the superficial layer of mud or sand in the bag, the meshes of which permit the dirt to be washed through while the larger substances are retained and brought up.

The depth at which the bottom of the sea has been thus explored is really enormous, amounting in one instance to more than three miles, far exceeding that of any previous experiment with the dredge, though small quantities of sea bottom have been brought from equally great distances from the surface by means of the sounding line.

At this great depth many species of marine animals have been found, some entirely new and others rare, and the temperature of the bottom indicated is shown to be affected by the heat of the sun only to a depth of about twenty fathoms, but the gulf stream influences the degree of heat to a further depth of five to seven hundred fathoms.

CAN A DOG REASON ?- Does instinct, as popularly understood, account for all the actions of brutes? We submit to the thoughtful the following incident taken from the Lawrence American:

A tradesman in this city, owner of the Academy, salary \$600 per annum. a dog and cat, has been in the habit of letting the dog go to market and buy his own meat. The dog would bring the meat home and deposit it somewhere in the store, and when feeling the gnawing of hunger would go and get it. The cat acquired a habit of stealing its meat, and the dog would lie down near it, watch for the thief, and when the cat came would drive her away. But at last he became tired of this business, carried the meat down the cellar and covered it up in the sand. One day the owner of the dog thought he would get the meat, bring it up stairs, and see what the dog would do. After taking a nap, the dog went down the cellar in search of his meat, and commenced each when ordered by mail. digging, as u wal, but there was no meat to be found. He laid himself down a minute, as if in thought and then rushed up stairs, and, espying the cat, "went for her," and chased her all around the store, as closely as a police officer in pursuit of a thief. Can a dog reason?

WHAT PAYS .- " There !" said the captain of the whale-ship as he pointed to the scene on deck, "did you ever see anything on shore as handsome as that?" The huge upper jaw of the whale with 1,700 pounds of black whalebone attached, was suspended to the rigging, looking like a big black tent capable of enclosing twelve or fifteen men. " And there's something," pointing to the vast blubber heaped on the greasy deck, "that may look very dirty to you landsmen, but it's gold to us! There les the sole inducement for us whalers to abandon home, and spend our lives in out of the way seas -enduring bardships and risking even life. But I tell you, gentlemen, when we catch fellows like this, that will make one hundred and twenty, and sometimes two hundred barrels of oil all in one lump, I tell you it pays for all the trouble. You people on shore may have all your theatres, balls, and things of that sort, but we don't want anything better than catching a whale." -Bush's Siberian Travels.

The enormous size of the great Portland breakwater, which was lately opened with so much magnificence by the Prince of Wales, may be judged from the fact that six millions of tons of stones have been used in its construction. It is 100 feet high and 300 feet thick at the base, and has taken 23 years in construction. The work has been done almost exclusively by convict labour. The harbour extends to more than 1,500 acres at low water.

A FAINTING-FIT.-Tight lacing.

HALIFAX, N. S., OCTOBER 23, 1872.

MESSENGER ALMANACE.

OCTOBER, 1872.

New Moon, October 2nd, 11h. 16m. morning. First Quarter, " 9th, 4h. 49m. afternoon. Full Moon, " 16th, 11h. 20m. morning. " 24th, 4h. 39m morning. Lust Quarter,

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THE TIDES .- The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro. High water at Pictou and Cape Tormentine,

2 hours and 11 minutes later than at Halifax. At Annapolis, St. John, N. B., and Portland
Maine, 3 hours and 25 minutes later, and at
St. John's, Newfoundland, 20 minutes earlier, through any part of the British Provinces or

FOR THE LENGTH OF THE DAY .- Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT -Subtract the time of the sun's setting from 12 hours, and to the remainder add the time of rising next morning.

NOTICE TO TEACHERS.

THE Trustees of the Cape Breton County Academy will, on the 1st of November; require a Head Master to take charge of Applications, accompanied by testimonials, will, be received until October 12th.

F. FALCONER,

Sydney, Sept. 2nd, 1872. Sept 18.

British American Book and Tract Depository,

66 GRANVILLE ST., HALIFAX, N. S., Constantly on hand a good supply of Standard Religious, Theological and S. S. Books, Illustrated Papers, Reward Cards, Tracts, &c.,

The following are offered at about one-third less than the publishing prices in London, in order to extend their circulation as widely as possible. Many of them have ben extensively owned by the Spirit of God in the salvation of souls.

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Way of Life. Hodge		0.0
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Golden Treasury Bogat:		0.0
Rise and Progress of Relig	e 0.20	0.00
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Early Religion. Pike	0.20	0.0
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Baxter		0.0
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Blood of Jesus	0.20	0.0
Christian Hero; Life	10	4
Robert Annan	20 20	0.0
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COME TO JESUS, by Newman Hull, 64 pages, The Sinner's Friend, by John Vine Hall,

Postage on the two last at the rate of 8 cents for 12 copies. Orders to be sent to

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(North-end of Provincial Building.) THE Subscriber begs respectfully to intimate to his Friends, and Public generally, that having fitted up his Establishment with the

Latest and most Improved

Machinery. and having secured a STAFFOF SUPERI ARTIZANS, he is now in a position to man"

BOOTS AND SHOES,

Which for VARIETY, QUALITY, STYLE, FINISH AND CHEAPNESS cannot be excelled by nny goods offered in this market, whether Dominios, English or American.

BOOTS AND SHOES, as all Prices
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BOOTS AND SHOE made after the latest French. English and American designs. Examine for yourselves, compare with other Goods, and if found worthy, encourage Home

WHOLESALE BUYERS Will find our Terms Liberal, and we assure them that their interests will receive our best attention. GEORGE S. YATES.

Halifax, N. S., April 24, 1871.

PARKS COTTON WARP. 99

White, Blue, Red, and Orange.

WARRANTEB

Best quality and full length.

FOR SALE

BY ALL DEALERS.

Sept. 11.

CAUTION!! CAUTION!!!

TO THE PUBLIC OF THE BRITISH PROVINCES OF NORTH AMERICA.

I beg most respectfully to acquaint the pub-lic of the British North American provinces that in May. 1871, I caused the business at 80, Maiden Lane, New York, for the sale of Hor LOWAT'S PILLS AND CINTMENT, which were up to that time prepare by William Brown, now deceased, to be closed. I regret to say that I have reason to know that the management of the late business had for some years, and in many wass, been most corrupt, and it may be that the Pills and Ointment were not prepared with that care I have always desired.

Those who do not wish to be deceived by buying spurious medicines, which are now likely to emanate frem the States or elsewhere, but to possess themselves of the genuine Hot-LOWAYS PILLS AND CINTMENT. manufactured by me in London, England, will do well to see that each pot and box bears the British Government stamp on which is engraved the words " HOLLOWAY'S PILLS AND UINTMENT," and that the address on the label is 533, UXFORD STREET, LONDON, where only they are manufactured, and in no other part of the world. The retail prices are on the labels in British currency,

about six degrees. The surface water than at Halifax. At Charlottetown, 2 hours | the United States, either to sell, or to take 56 minutes later. At Westport, 2 hours 54 orders for my Pills and Uintment, and as I have minutes later. At Yarmouth, 2 hours 20 min- reason to believe that attempts will very probably be made to deceive the public in this way by persons calling upon medicine vendors. falsely representing that they are acting for me, and with my knowledge and consent, deem it advisable to put the rublic on their guard against any such deceptions. I mest carnestly entreat all those who may

read this advertisement that they be pleased, in the public interest, to communicate the pur port of the same to their friends that they may not be defrauded of their money by purchasing perhaps worthless imitations of the genuine HOLLOWAY'S PILLS AND CINTMENT.

I would ask, as a great favour, that should it come to the knowledge of any person that spu-rious medicines are being sold in my name, he be pleased to send me all the particulars he can collect respecting the same, that is to say, the name and address of the vendor who is selling the spurious medicines, and likewise the name and address of the House in the United States, or elsewhere, which may have supplied them, so as to enable me, for the protection of the public, to institute proceedings against such evil doers, and I engage to remunerate very handsomely any person who may give me such information, the informant's name never being divulged.

Should any person have reason to believe that he has been deceived by buying spurious imitations of these Medicines, he will do well to send me, in a letter, to the address at foot (which he can do at a cost of six cents in postage.) one of the books of instructions which are affixed to the same. I promise to examine it and send a reply, stating whether the Medicines are genuine or not, so that if spurious he may apply to the person from whom he purchased them to have his money returned.

Chemists and Druggists who desire to obtain the Medicines can be supplied at the lowest wholesale prices in quantities of not less than £20 worth-viz, 8s. 6d, 22s., and 34s. per dozen bexes of pills or pots of Ointment, nett, without discount, for which remittance must be sent in advance

I have the honour to be, With great respect, I HOMAS HOLLOWAY. 553, Oxford Street (late 244, Strand) London, W. C., October 1, 1871.

BOOTS & SHOES, FRIHE Subscriber has just received a well

assorted stock of MEN'S LEVANT SEAL SHOES MEN'S PATENT LEATHER SHOES MEN'S FRENCH CALF SHOES

And a general assortment of Men's Walking Boots, of the best English and Local Manufacture. Also, a good assortment of Ladies, Misses and Children's

Boots, Shoes & Slippers, From the best English, American and Irocal Houses. TRUNKS & VALISES in every variety, and

at all Prices, always on hand. CHARLES L. WEEKS, (Neurly opposite Union Pro. Compy's. Hall)

July 24 rep, rec

W. G. LAURILLIARD, TAILOR,

GENTLEMEN'S DRESS MATERIALS, Furnishing Goods constantly on hand

Agent for the NEW YORK FASHION PLATES.

231 HOLLIS STREET. HALIFAX, N. S. May 17.

Hats and Caps.

WE have new on hand a full Stock of sell VV kinds, including the NEWEST STYLES, to which we invite the attention of our friends,

both at Wholesale and Retail. Our prices are as low as any in the city. Silk Hats made to order by Confermateur Measure, without extra charge. EVERETT BROTHERS,

100 Granville St.,

GRANVILLE STREET

AUTUMN MILLINERY FANCY GOODS!

We are already in receipt of a large porton of our Autumn Stock of Flowers, Feathers, Frames, Ribbons, and other FANCY GOODS, to which we respectfully invite the attention of both Retail and Wholesale buyers.

Balance to arrive in a few days. SMITH BROS.

Sept 25.

DROSPECTUS OF THE CARBOLINE

GAS LIGHT COMPANY.

Incorporated by Act of Parliament, May, 1872.

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This Company is being formed for the fol-

lowing purposes: 1st. The manufacture and introduction of Gas Machines for public and private use 2nd. The establishing of Works for the sup-ply and manufacture of Fixed Gas in every town and village in this Province where Gas

Works do not exist. 3rd. The marufacture of the materials used in the above processes.

The inventions and processes referred to are secured by Letters Patent to O. C. HERBERT of this city.

The present proprietors are in daily receipt of applications from all parts of the Province for constructing and supplying their apparatus, and as good, safe, and cheap light is the want of the people, we have every reason to believe that this undertaking will prove largely

Daily exhibition of this Gas at the Company's Office, head of Barss 8 Wharf, Upper Water Street, from 11 A. M. to 5 P. M. The Stock list will be open for subscription

at the Company's Office, on and after 1st July, Halifax, N. S, 27th June, 1872.

SI. GEORGE'S DRUG STORE.

THE SUBSCRIBER begs to announce that his Stock is now complete, and invites atten-tion to the following list of Household

Adam's Furniture Polish, Oakey's Silver Smith Soap, Oakey's Knife Powder, Oakey's Wellington Black Lead, The Marble Renovator, the Marble Champion Plate Polish,

Carbolic Disinfecting Soap, is adapted for use in households for disinfect-

ing and cleansing purposes, as well as for the destruction of Bugs, Fleas and all Insects. For Nurseries it is invaluable, removing all unpleasantness in the washing of infant's

Schweitzer's COCOATINE, ANTI DYS-PEPTIC CUCOA and CHOCOLATE POW-

A choice assortment of

PERFUMERY. Floral Cosmetic Soap, in all the tavorite perfumes. Doubled-scented Chinese Musk SOAP. Perfumed Sand Tablets, Sulphur do., Fuller's Earth, do. Pumice Stone do.

THE CELEBRATED BABY SOAP. A large assortment of Tooth, Hair and Nail Brushes, Combs. A C. C. H. HEPWORTH, 25 George Street.

July 10.

Notice.

MMIGRANTS will in future be carried on the Government Railways in Nova Scotia and New Brunswick at the rate of ONE and a QUARTER CENTS per mile. All baggage over 100 lbs. to be charged

E. CLAY. Immigration Agent. Sept. 18.

To Parents and Sabbath School Teachers.

JUST PUBLISHED.

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Price 5 cents or \$6.00 per 100,

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