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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 Tormen-

tine, 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, Newfound- Do not pound it, either with a rolling ought to be " top-dressed" with from land, 20 minutes EARLIER, than at Halifax. At Charlottetown, 2 hours 56 minutes LATER. A Westport, 2 hours 54 minutes uth, 2 hours 20 minutes

FOR THE LENGTH OF THE DAY .- Add 1: hours to the time of the sun's setting, and from the sum subtract the time of rising. tract the time of the sun's setting, from 12 hours and to the remainder add the time of rising next morning.

CHURCH REQUISITES.

Articles and Covenant \$1.00 per 100. Church Record and Register \$2. and \$3

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For it is sadly too true that thousands of children are STARVED TO DEATH every year by improper or insufficient food. Remember,

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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.

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

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Manufacturers of

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Organs from \$75 and upwards. War-

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Pianos \$200 and upwards.

The usual discount to Clergymen. Churches, Teachers and Societies.
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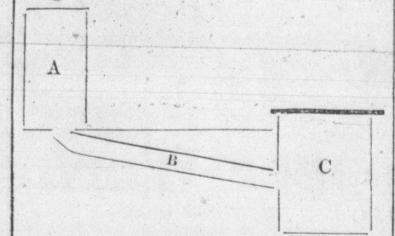
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ENCOURAGE HOME MANUFACTURES. Save Duty and High Commissions. Keep the money in the country. ent. C. E. GATES, Musical Departm, G. O. GATES, Manufacturing. W. J. Gates, Manager.

THE HOUSEHOLD

A home made Smoke House.

May be easily constructed by almost any one from a piece of stove pipe and an ordinary flour barrel or apple barrel. Knock out both heads. The following diagram will shew how to do it:



A is the barrel stood on the ground, B is a length of stove pipe, leading from C the hole in the ground for the fire. Hang the meat in the barrel on with an old rug or blanket, and you have your smoke house complete. The fire may be made in a pan or built in the pit and a small hole left for the draught. When the fire is made cover it over with saw-dust but not enough to put it out, and it will burn for hours.

parsley, if you have it.) Do not use any advice. salt. The action of the oil and vinethe fibres beside. You may add a teaand vinegar for three or four hours, and then saute, or half-fry it quickly; season it with salt after it is cooked, and serve it with a very little fresh butter, or with the gravy from the frying pan. If you follow these directions and do not try to improve them. you can have tender steaks at will .-Golden Rule.

SCIENCE.

The enormous consumption of timber for railway ties gives to any method for preventing decay a special interest. It was stated, in a paper lately read before the Engineers' Club of Philadelphia, that ties permeated with creosote which had been in use in England for twenty-two years were still in as good condition as when first laid down. Creosoted piles driven at Portsmouth, England, forty-two years ago, were now as good above as below the water-line, and have outlasted sixteen sets of nnprepared wood cut from the same timber and used in the same work. These facts, would seem to establish the economy of creesoting railway ties beyond all question.

THE CIRCULATION OF THE BLOOD MADE VISIBLE .- Dr. C. Huter, a German savant, of Greifswald, has devised a simple arrangement which demonstrates the circulation of the blood in the human body by making it visible. Dr. Huter's method is as follows: The patient's head being fixed in a frame. on which is a contrivance for supporting a microscope and a lamp, his lower lip is drawn out and fixed on the stage of the microscope by means of clips, the inner surface being uppermost, and having a strong light thrown upon it by a condenser. When these preparations are completed all the observer has to do is to bring the microscope to bear on the surface of the lip, using a low power objective, and focusing a small superficial vessel. At once he sees the endless procession of the blood corpuscles through the minute capillaries, the colorless ones appearing like white specks dotting the red stream. Dr. Huter asserts that by taking careful note of variations in the bloodflow and changes in the corpuscles he has derived great advantage in the treatment of medical cases. This is the first in-

AGRICULTURE.

him my way. Plough the ground in later than July 10th reduce the surface fourths of a bushel of buck-wheat to the acre again. This crop will grow large and be in perfect blossom soon enough to turn under and prepare the ground for wheat. I have had the second crop grow four feet high.

It is no use to tell a man to "sow clover" when land will scarcely grow buckwheat. It won't catch only in little spots, and those will freeze out sticks across the top, and cover the top before attaining growth enough to plough under to do any geod. I may make this article longer, but if I have my say, I want to be understood, and this matter of bringing up worn-out soil is not explained in a sentence. I bought a farm, some parts of which were very poor, hilly, not easy of access and remote from barns. On these Don't POUND YOUR STEAK .- We fields buckwheat has been the key to hear a great deal about that " abomin- success, in bringing them back to what ation called fried steak." I will tell they once were, After two crops of you how to make tough steak tender, buckwheat have been ploughed under, and how to fry it so it will be juicy. clover will "catch." The wheat crop pin or a potato-masher, or even with three to five waggon loads per acre of the jagged piece of metal or crockery well rotted manure. Such land ought ware which house-furnishing dealers always to be ploughed for wheat long will try to delude you into buying. If enough before sowing to settle and pack you do pound it, you will only batter down solid. Then harrow until mellow, its fibres and let out all its juices. Pour roll and drill one-half bushel pure FOR THE LENGTH OF THE NIGHT. Sub- into the bottom of a dish three table- wheat per acre. All this requires work spoonfuls each of vinegar and salad oil, and the man who would recuperate sprinkle on them half a salt spoonful of worn-out soil without hard labour is in pepper (and a tablespoonful of chopped a hopeless condition and needs no

> gar will be to soften and disintegrate No. 1 Lancaster wheat from five acres the tough fibres of the meat, without that four years ago would not produce drawing out its juices. The salt would five bushels per acre. If this had been do that most effectually and harden Fultz or Clawson, we would have had spoonful of chopped onion if you like red clover first to put life and power to second. But for worn soil, buckwheat that two crops can be turned down in one season and the soil fitted for wheat. -Practical Farmer.

> > ORANGES AND LEMONS.—It is stated that the Mediterranean supply will be very limited this year, orange and lemon trees bringing forth, just as olive trees, a full crop but every two years. Besides, the small crop has itself been seriously damaged by frost, so that complaints are general in Sicily, Naples, and on the Adriatic coast.

ONE WEEK'S EXPORTATION OF LIVE AND FRESH MEAT .- During the first week of March the steamers sailing from New York to English ports carried 1,221 head of cattle, 650 sheep, and 300 hogs, alive; also 2,408 quarters of beef, 850 carcasses of sheep, and 605 tons of fresh meat, several steamers reporting the dead meat carried only by weight. This is the largest shipment in one week for several months.

His name was Matthew Mears: He wound it regular every day For four and twenty years.

At last his precious timepiece proved An eight-day clock to be, And a madder man than Mr. Mears

"What do you do when you have ing the hair grow thick and strong. a cold?" asked a man of Simpkins,

"If I should put on green glasses and view this class, would I not be deceived in their appearance?" "Well -no, I don't think you would."-Princetonian.

inscription around his neck: "Don't be ashamed to give only a sou. I can't

"You just take a bottle of my medicine," said a quack doctor to a consumptive, " and you'll never cough again." " Is it so fatal as that?" gasped the consumptive.

stance of the flow of the vital fluid in along the road, I even sometimes found one person being watched by another. the logs bound and twisted together to Little and often makes a heap in time. | climb over them, so I went round."

RECUPERATING WORN OUT LAND. -A correspondent wants to know how to enrich worn-out land, and I will tell April, or 1st of May, and sow threefourths bushel buck-wheat per acre. Fit the soil thoroughly before sowing. This crop will be in blossom in June, when it should be rolled down and chained under as he ploughs. Not to a good seed bed and sow three

This year we harvested 125 bushels

VARIETIES.

There was a man who had a clock,

I would not wish to see.

Cough," was the sententious reply.

A blind medicant in Paris wears this

A professor at Cornell, lecturing on the effects of the wind in some Western forests, remarked: "In travelling such an extent that a mule couldn't

Cattle, Milch Cows, Sheep. Horses, Pigs and Poultry.

The OBJECT of this FEED is to prevent disease, to put and maintain animals. in a healthy condition, and to economize feed.

All the ingredients composing this FEED are certain health-giving Herbs, Seeds and Roots, which cannot be obtained by animals that are stall-fed. A varied diet is as necessary to the horse or any other animal as it is to man.

DIRECTIONS FOR FEEDING.

Horses.— At each time of feeding mix half pint of the Feed with the usual qu ntity of corn or oats. In a shorttime your horse will be in a perfect condition, when you can deduct one-fourth part of the usual grain feed. Discard all bran when using Manhattan Feed.

Cows.—At each time of feeding mix at he rate of six pints for every dozen cows, Poultry.—Mix half a pint of the Feed the rate of six pints for every dozen cows, with their usual feed, and in two weeks you will be surprised at the large increase A measure holding exact amount. of milk and butter.

BULLOCKS. - Mix same as for Cows. CALVES AND LAMBS.—at each time of feeding mix half pint of the Feed with the usual quantity of milk or oatmeal for every four animals. Hogs.—At each time of feeding mix half pint of the Feed with the usual swill

of one feed is enclosed in every bag.

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PRICES.

Bags containing 100 Feeds (25 lbs.), \$2.00. Bags containing 200 (50 lbs.) \$4.00.

Bags containing 400 Feeds (100 lbs.), \$8.00. For Poultry, a specially prepared Feed, put up in 21 lbs. boxes, 25 cents.

Prepared only by MARSDEN & CO., 698 Craig St. Montreal. GENERAL AGENT FOR THE MARITIME PROVINCES-

GEORGE FRASER,

March 3.

76 Granville St., Halifax,



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This standard article is compound ed with the greatest care. Its effects are as wonderful and as

satisfactory as ever. It restores gray or faded hair to its

youthful color. It removes all eruptions, itching and dandruff. It gives the head a cooling, soothing sensation of great comfort, and the scalp by its use

becomes white and clean. By its tonic properties it restores the capillary glands to their normal vigor, preventing baldness, and mak-

As a dressing, nothing has been

found so effectual or desirable.

A. A. Hayes, M.D., State Assayer of Massachusetts, says, "The constituents are pure, and carefully selected for excellent quality; and I consider it the BEST PREPARATION for its intended purposes."

Price, One Dollar.

Buckingham's FOR THE WHISKERS.

This elegant preparation may be relied on to change the color of the beard from gray or any other undesirable shade, to brown or black, at discretion. It is easily applied, being in one preparation, and quickly and effectually produces a permanent color, which will neither rub nor wash off.

Manufactured by R. P. HALL & CO., NASHUA, N.H. Beld by all Druggists, and Dealers in Medicines. Brown & Webb, Halifax.

Dec. 11. ly. Wholesale Agents.

1879 WINTER ARRANGEMENT 1879

TRAINS leave Halifax daily (Sunday excepted) as follows: (Halifax time.)

At 8.30 a. m.-Express for St. John, Pictou, and intermediate places. At 1.16 p. m.—Express for Quebec and intermediate places.

At 5.30 p. m.-Accommodation for Truro. WILL ARRIVE :-At 9.16. a. m. - Accommodation from Truro.

from St. John. Dec. 3, 1879.

WINDSOR & ANNAPOLIS Railway.

Winter Arrangement, Commencing 4th Dec., 1879.

	GOING WEST	fon., Wed rday only.	gers and nes., Thu., lay only.	Frot Daily
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	St. John, do	7 30	1	

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	do	Leave	6 40	12 00	5 10
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84		Arrive	8 25	2 00	6 30
	Halifax "	Arrive	11 00	5 00	

Steamer "Scudd" leaves St. John every Monday, Wednesday and Saturday for Annapolis, and returns the same day on arrival of train.

HALIFAX and CAPE BRETON RAILWAY.

Leaves Antigonish at 9 a.m., and New Glasgow at 1.45 p. m. Arrive at New Glasgow at 11.30 a. m., and at Antigonish at 4.15 p. m.

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