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and Portland Maine, Shound- stated that one of the best farmers of tion.	The Hissenger Amanac. JULY. Full Moon, July 3rd, 5h. 24m. A. First Quarter, "11th, 4h. 40m. M. New Moon, "19th, 4h. 52m. M. Last Quarter, "26th, 6h. 21m. M. Superiod Science South. Sets. In Halfrax Note: Superiod Science South. Sets. Science Science	BURYING MANURE IN THE SOIL.— Perhaps in no better way is the progress of agriculture illustrated than in the manner of applying manure now and the course of practice a century ago. No one thought of applying manure on the surface. It was dead vegetable matter, and must be buried ; and like all dead things, the sooner it was put out of sight the greater the profit to the living plant. Morton, in his Cyclopedia of Agriculture, well puts the belief in the past when he says " the quicker farm- yard manure is buried the better." The advantages which have flowed from surface maauring is not probably because there is no loss, but because the roots of plants can make better use of what is left. If we dig out a young tree we find that most of its roots are just beneath the surface ; an inch or so deeper there are fewer roots, and as we go deeper there are still less. We may find some roots six feet or more down, but the bulk are just beneath the surface. The food in this surface-man- uring system is therefore just where the mass of roots can prcfit by it. This is no doubt the plan. In this way the surface advocates have won their victory in spite of the loss, and not because there is no loss of good plant food by the exposure. This is the principle on which su much good has been found to flow from mixing dry earth with manure. It in	The famous Egyptian obelisk which was recently set up on the banks of the Thames, and which it was found would rapidly become disorganized by the action of the peculiar London atmos- phere, has been coated by a silicious wash which it is believed will success- fully protect the surface for years. The effect of the process, "it is said, has sur- passed expectation, and is only to be compared to the restoration of an old painting. The obelisk now appears as if just chiselled from the rock, showing its original colours the quartz and feld- spar glittering in the sunlight. The intaglio also comes out much more dis- tinet than before. FORMATION OF COAL.—E. Fremy holds that there are several kinds of isomeric cellulose, constituting the skeleton of plants. Coal is not an or- ganized substance. The vegetal im- pression presented by coal are produced as in shales or other mineral matters. The chief substance contained in the cells of plants under the double influence of heat and pressure produce bodies hav- ing a great analogy to coal. The pig- ments, the resins, and the fats of leaves if submitted to heat and pressure, yield compounds which approximate to bitu- mens. The vegetable matter which gives rise to coal has undergone, first, the peaty fermentation, the coal being then formed by a secondary transforma-	FOR Horses & Cattle. Important to every man who keeps a Horse, Cow, Ox, Pig, Sheep or Poultry. ADVANTAGES DERIVED From the use of the NUTRINOUS CONDINENT. 1. It insures perfect digestion. 2. It creates a healthy, natural appetite. 3. It makes pure blood. 4. It expels humors, cures scratches, gals, and sore back. 5. It will put horses in good, firm flesh. 6. It infuses new life and vigor. 7. It gives a fine, soft skin and smooth cost. 8. It disinfects the contents of the stomach, sickens worms so they lose their hold and pass away. 9. It prevents and cures colic. 1. It cures colds and influenza. 1. It ourses colds and influenza. 1. It ourses colds and influenza. 1. It prevents over-heating in warm weather. 3. It enables horses to work with less farme. 3. It enables horses to work with less farme. 3. It enables horses to work with less farme. 3. It enables horses in condition when weather. 3. It will put a horse in condition when other means fail. Every Domestic Animal (in- cluding Poultry) should	At 8.05 a.m. (Express) for St. John, Pietou and intermediate points. At 12.15 p. m. (Accommodation) for Pietou and intermediate points. At 5.00 p.m. (Accommodation) for Truro and intermediate points. At 6.15 p. m. (Express) for St John Riviere du Loup, Quebec, Montreal, and the West. WILL ARRIVE : At 9.15. a. m. (Accommodation) from Truro. At 10.35 p. m., (Express) from St. John Riviere du Loup, Quebec, Montreal, and the West. At 2.55 p. m. (Accommodation) from Truro and Pictou. At 7.40 p. m., (Express) from St. John Point du Chene, Pictou and intermediat points. July 23, 1879. SPRING HILL AND PARRSBORDUCH RAILWAY. Connects with Intercolonial. Leaves Parrsborough at 9.30 a. m. Arrives at Spring Hill at 12.20 p. m. Leaves Spring Hill at 3.20 p. m. Arrives at Parrsborough at 6.00 p. m.

At Charlottetown, 2 hours 56 minutes LATER. A Westport, 2 hours 54 minutes LATER. A Yarmouth, 2 hours 20 minutes LATER. FOR THE LENGTH OF THE DAY .- Add 12

land, 20 minutes EARLIER, than at Halifax.

hours to the time of the sun's setting, and rom 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.

BAPTIST CHURCH REQUISITES.

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

each. Alphabetical List of Members 40 cents each.

Letters of Dismission 50 cts. per quire. Psalmists, in all varieties, from 85 cts. Baptist Hymn Book from 50 cts. Baptists Hymn and Tune Book \$1.00 and \$2.25.

Scripture Catechism, \$6.00 per 100. CHRISTIAN MESSENGER OFFICE, No. 69 & 71 Granville St., Halifax.

April 15.

For Consumption And all diseases that lead to it; such as COUGHS, NEGLECTED COLDS, BRONCHITIS, PAIN IN THE CHEST, AND ALL DISEASES OF THE LUNGS,

ALLEN'S LUNG BALSAM IS THE GREAT MODERN REMEDY

T IS WARRANTED to break up the most distressing Cough in a few hours time, if not of too long standing. IT IS WARRANTED to give entire satisfaction even in the most confirmed cases of Consumption ! IT IS WARRANTED not to produce costiveness (which is the case with most remedies), or affect the head as it contains no Opium in any form. IT IS WARRANTED to be perfectly harmless to the mos delicate child, although it is an active and powerful remedy for restoring the system. There is no real necessity for so many deaths by Consumption, when Allen's Lung Balsam will prevent it, if only taken in time.

PRICE \$1 PER BOTTLE. SOLD BY ALL DRUGGISTS.

Apr 22.



the summer a large quantity of dry earth, which he keeps dry, and that during the winter season he adds this to his manure-heap, about load for load. The result he says is that this load of added earth is equal to another load of stable-manure. It takes up the gases which he says would have gone into the atmosphere. It has not added anywhat would have been lost. These are all things bearing on this

New York hauls under cover during

question of deep manuring. The soil below is never very dry, and hence cannot take up much. When near the surface the law comes into play. Thus surface-roots, surface-feeding, and dry surface earth all argue against the deep deposit of manure.- Germantown Telegraph.

BONE DUST .- Many a poor fellow has worn out his bones trying to work a piece of poor ground ; but such bone application has seldom resulted in large profits. Our English friends have discovered that it is much better to use other people's bones in these cases than their own, and the bone-trade of England has assumed gigantic proportions. All the old battle-fields have been ransacked, and unless report do them no injustice, many an old fellow whose bones were supposed to rest in peace in some grassy, daisy-flowered churchyard,

would have to hunt some modern turnip field to find all that remains of them. Foreign countries have not only to pay tribute to England of their wealth during life, but even their bones have to follow in order to enrich British soil, as while living they worked to fill British pockets. Australia sends an enormous quantity of bones to England. It has become such a heavy trade that the article itself was found too light to enable the ship-owner to take the same weight in less bulk. The bones with some substance which will give it living on charity."

just enough adhesiveness to make the particles stick together. Then the material is put under heavy pressure in moulds about six inches square, so that any loss of space. One ton of this bonecake measures only twenty-six cubic wild or domestic animals, but still " silence is golden."-1b.

PALMETTO FIBER FOR PAPER.-The Fernandina (Fla.) Mirror reports that the machinery, lately brought to that place by Professor Loomis, for the preparation of palmetto fiber is working satisfactorily, and that the experiment is an assured success. The stalks of the scrub palmetto are used. It is said that the fiber is likely to prove usething to the manure, but simply saved ful for cordage, paper, tubs, pails, flour barrels, boats, powder kegs, and no end of other articles of general use. A portion of the fiber shipped to paper mills is intended for the manufacture of a high grade paper to use by the Canadian Government in the printing of bank notes. Ultimately, it is said, the various grades of paper fiber will be made into pulp in Florida.-Scientific

VARIETIES.

American.

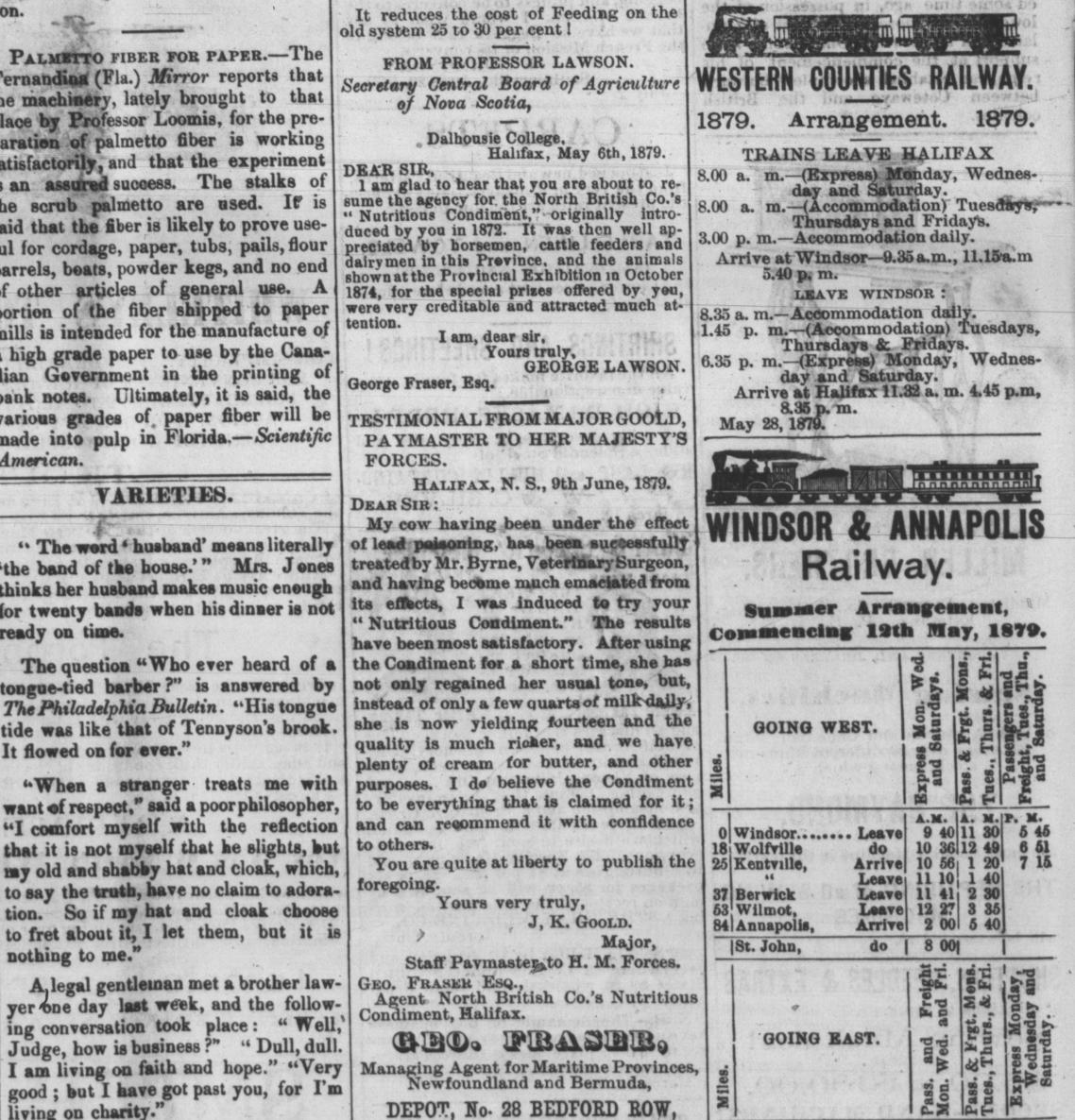
" The word "husband' means literally 'the band of the house.'" Mrs. Jones thinks her husband makes music enough for twenty bands when his dinner is not ready on time.

The question "Who ever heard of a tongue-tied barber ?" is answered by The Philadelphia Bulletin. "His tongue tide was like that of Tennyson's brook. It flowed on for ever."

"When a stranger treats me with that it is not myself that he slights, but my old and shabby hat and cloak, which, to say the truth, have no claim to adoration. So if my hat and cloak choose to fret about it, I let them, but it is nothing to me.'

A, legal gentleman met a brother lawyer one day last week, and the followfor profit. Science has been called in ing conversation took place: "Well," Judge, how is business ?" " Dull, dull. I am living on faith and hope." "Very are first ground, then the dust mixed good ; but I have got past you, for I'm

> A Boston son who has written a book against dancing, gives the description of a ball : "Just look at them. There, gentleman, holding a piece of wood to his shoulder, and frantically drawing poor horse-hair over the dried viscera of a dead feline, shouting vociferously incoherent sounds, the meaning of which must be guesssed at, while men and women are mostly jumping up and down, scolding, laughing, shouting, coughing, wheezing, bowing, smiling, frowning, winking, blinking, pushing, pulling, sweating, rushing thundering, rumbling tramping, and stamping until the body



btained for Inventors, in the United States, Canada, and Europe, at reduced moulds about six inches square, so that rates. With our principal Office located it can be packed in the hold without in Washington, directly opposite the United States Patent Office, we are able to attend to all Patent Business with greater promptness and despatch and feet. Of course these bones are all of less cost, than other patent attorneys, who are at a distance from Washington, and who have, therefore, to employ "as-sociate attorneys." We make prelimin-ary examinations and furnish opinions as to patentability, free of charge, and all, who are interested in new inventions and Patents are invited to send for a copy of our "Guide for obtaining Patents," which is sent free to any address, and contains complete instructions how to obtain Patents, and other valuable matter. We refer to the German-American National Bank, Washington, D. C.; the Royal Swedish, Norwegian, and Danish Lega-tions, at Washington; Hon. Jos. Casey, late Chief Justice, U. S. Court oi Claims to the Officials of the U. S. Patent Office and to Senators and Members of Congres from every State. Address : LOUIS BAGGER & CO.,

Solicitors of Patents and Attorneys-at-Law, LeDroit Building, Washington, May 1. D. C.

50 VISITING OR CALLING CARD with your name finely printed, sent for 25 cents. Agents wanted. 6 samples sent for three cent stamp. Address W. KINNEY,

May 24.

Yarmouth, N. S.

WATER FOR MILCH COWS .- The Chicago Times says that the best dairymen aim to have a constant supply of pure, cold water in the pastures where cows feed during the day and in the yards where they rest at night. It seems to us that there is no interest so air." great that is looked after so heedlessly by the average farmers as that of pure water for farm stock of every kind.

CABBAGE-WORMS .--- It is said that cayenne pepper sprinkled ever cabbage plants is a sure preventative of worms destroying them, and will not injure the flavor of the vegetable.

An editor offers a reward of five curtain of futurity, in order to find out dellars for the best treatise on " How | what grade of society you'll be classed to make outdoor life attractive to the in, take an exact measure of yourself mosquito."

This was a child's idea about a snorer. A gentleman who was visiting at his eister's in the country delighted his four-year-old nephew by allowing the little fellow to sleep with him. In the morning the little nephew appeared with a very sober face, and said he couldn't sleep because uncle crowed so.

If you are hunting for a rip in the and draw your own conclusion.

Halifax, N. S. elevated on a table, is a mustached To whom all Orders should be addressed Pamphlets with Testimonials and Directions for use furnished (gratis) on application. Reliable Agents wanted throughout the provinces. May 14. 3m. is exhausted and the lungs cry for W. FRASER & SONS, 82 & 84 Barrington Street, Halifax, N. S. have just finished some very fine trichord COTTAGE PIANOS,

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overstrung and oblique, with full metalliframes and supports, in handsome rose wood and walnut cases, which, for ma terial, workmanship and tone, cannot b surpassed by any in the market, an which they are willing to dispose of

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