POOR DOCUMENT

THE SEMI-WEEKLY TELEGRAPH, ST. JOHN, N. B., FEBRUARY 12, 1902.

HOPEWELL HILL.

Hopewell Hill, Feb. 6-Charles Cutten, digence of whose death in California has been received, was a native of Albert county and a resident of Hopewell parish when a young man. He was a son of the late David Cutten, of Hillsboro, and was about 45 years of age. Deceased was very popular during his residence here, and his many friends in the country will hear of his death with sincere regret. He leaves a wife and family. His wife was a daughter of the late Isaiah Bacon, of this place. Deceased was a brother of Mrs. R. C. Bacon, of Moncton, formerly of this place. He also leaves two brothers and another sisters: David and Cuthbert Cutten. county and a resident of Hopewell parish

other sisters: David and Cuthbert Cutten, and Miss Agusta Cutten, all of California Silas Hicks, manager of the steam mill sawing for Job Stiles, was last evening called to his home in Sackville on account of the serious illness of his wife.

Mr. Hetherington, late of the Moncton school staff, has been engaged to teach the advanced department of the Hopewell Cape

school, and commenced his duties Tues-Miss Lillie Mahar, of Mountville, is very

ill as the result of vaccination. Dr. Carnwath is in attendance. Mr. and Mrs. William Cochrane, of

of their marriage on February 1st. Hopewell Hill, Feb. 7-Mrs. Joseph Robthe funeral of her brother in-law, Wm. A. Wilmot, who died recently in Massachusetts. Deceased was a native of Salisbury and was well and favorably known berge having here at constitute a value of the salisbury and was well and favorably known berge having the salisbury and was well and favorably known the salisbury and was well and salisbury to salisbury and was well and salisbury to salisbury here, having been at one time a resident of Riverside. He leaves a widow, daughter of the late James Hoar, of Chemica

Miss Alfreda Smith, daughter of R. Chesley Smith, left by today's train for Haverhill, Mass, where she had previous-

John M. Tingley entertained a number of friends at his home last evening. A similar function took place at the home of Clare Robinson. Judson Steeves has received intelligence of the death of his brother, Frederick

Steeves, at Elgin.

Miss Ida Peck went to Moncton today to visit relatives

FREDERICTON.

Fredericton, Feb. 7—(Special)—Dr. Phillip Cox, principal of Chatham Grammar school, delivered an instructive lecture at the University library this evening on the Mental Element in Nature. Dr. Baney pre-sided. A brief discussion was taken part in by Prof. Brittain and several students. The first carnival was held in Marysville rink this evening and passed off very suc-

Preme Court delivered judgments today:
The King vs. D. R. Jack—Rule absolute to quash conviction for refusing to submit to vaccination. Chief Justice and Judge

McLeod dissentin In re Coiwell Candy Company, James R. Woodburn, petitioner underwinding up act, held per Hamington, Landry. Barker and McLeod, Chief Justice and Judge Gregory dissenting, that petitioner has a

lien for \$1,150 rent. Kirkpatrick vs. C. P. R .- New trial refused. Plaintiff recovered verdict for \$3.-500 for injuries from collapse of Grand

Ex parte Richard Kelly, Crockett moves for a certiorari and for rule nisi to quash an assessment made by school trustees of the parish of St. Mary's and Mauger-

ville; rule absolute. Ralph B. White vs. Solomon Hamm— Crockett moves on behalf of plaintiff for an attachment for non-payment of costs;

rule absolute. Ex parte Graves—Simonds asks that rule in this case be discharged with costs;

shows cause against a rule nisi to set aside a writ of replevin; Grimmer sup-

Ports the rule; court considers.

Court adjourned sine die. Fredericton, Feb. 9 – (Special) – The students of the University of New Brunswick and Mount Allison College have arranged to hold a joint debate at Sackville, March 14th, on, "Resolved, that trusts are beneficial to the community." The university will take the negative side.

Dr. Silas Alward, of St. John, is to deliver a lecture on trusts at the University library in March.

Fredericton, Feb. 10—(Special)—Mr. Fickler, whose premises suffered so severely from fire Sunday, will continue in business. A staff of clerks are doing what they can to prepare for trade but the greater part of the stock will be a total loss. It is not believed that the furnace and fire room expressible for the forms. and flues were responsible for the fire and the general opinion is that Chief Engineer Lipsett, who is also fire inspector, should

hold an investigation.
On Saturday last a suit of clothing was stolen from the residence of Owen Shar-key, Queen street. It is supposed the

a pronounced success. There were 359 guests. The chaperones were Mesdames Haurison, Davidson, Scott and Jack. Dancing took place down stairs on the main floor, where Hanlon's orchestra furnished excellent music for a programme of 17 damees and three extras. During the evening refreshments were served in the evening remeasurements were served in the library. The corridor was prettily decor-ated for the occasion. Many beautiful gowns were exhibited by the fair guests

HAMPTON.

Hampton, N. B., Feb. 10-On Saturday morning last a young man skated into open water at the head of Darling's Island, and though there was eight to then feet of water, he got out without any difficulty. He would not give his name. A few hundred yards from where the young man got in, on what is called Fair-weather's Lake, Hedley Dixon's horse went through the ice the following Tuesday. It required the assistance of John Appleby and son and John Morrell, of Darling's Tsland, to extricate him from his difficulty. Island, to extricate him from his difficulty.

Richard Hill is hustling along his new fill on Wanamaker's shore, at the foot of Darling's Lake. A new boiler has arrived and is being placed to be in readiness for beginning operations about the list of March. It will be a single rotary mill, with planer and lathing machines.

A number of men will leave next month a program with Mr. Cushing in his new engage with Mr. Cushing in his new factory in St. John. ox factory in St. John. Who has AUCR LICHT CO. HARLIS, Incarred

been visiting Mrs. Albert Clark, of Clark's hotel, has gone on a visit to friends at Newtown. Mrs. Williams, of St. John, is visiting at Mr. Cornelius Sullivan's, Tourist in the woods.

A barn on the old Scribner property, at Central Norton, was demolished by the late galle and the roof of Edward Demill's barn, on the Lakeside road, was blown

Curryville, celebrated the 20th anniversary.

On Wednesday, Feb. 5, the annual meeting of the L. O. county lodge for Kings was held in the Orange hall, Centreville, Worshipful County Master B. K. Lisson in the chair. Deputy County Master Phillip Palmer was also present. Representatives from Sussex, Markhamville, Waterford, Jeffrey's Corner and Hampton Were present. Senior Deputy Grand Massiter, Phillip Palmer installed the officers and addressed the lodge. Addresses were also given by Rev. W. W. Lodge and Past Grand Master Geo. W. Fowler, M. P. The next meeting will be held at Waterford in June.

were on escort duty at the reception of the duke and duchess in St. John, atter delivering up their equipment, were paid off by Major Fred. Markham on Tuesday last.

ST. STEPHEN.

St. Stephen, Feb. 9-(Special)-The first meeting of the board of management for the memorial hospital was held Saturday afternoon. Lady Tilley, Major Chipman and nearly all the members were present and discussed the by-laws and regulations as well as charges for those able to near These metters were for those able to pay. These matters were all agreed on as well as the confirming of appointment of Hon. G. F. Hill as president, and James Vroom as secretary-treasurer to the board. Committees were

since opening day a large number have visited the hospital and as a small fee of admission was charged quite a neat sum was secured for the maintenance fund. The hospital is now open for patients and with a good staff of physicians, matron and nurses everything will be made comfortable for the affected.

while others, under the direction of Duncan Borbick, succeeded in confining the fire to the ell, which was badly damaged. The fire originated through a defective flue. It is said that the buildings were insured.

DIGBY.

The hospital is now open for patients and with a good staff of physicians, matron and nurses everything will be made comfortable for the affected.

ST. ANDREWS.

St. Andrews, N. B., Feb. 9—(Special)—
The ceremony of instituting and inducting Rev. R. J. Langford, rector of All Saints church, was carried out this morning in the presence of a large congregation. His Lordship Bishop Kingdon officiated at the service of institution. Seated in his Episcopal chair at entrance to the chancel with the candidate for institution was then inducted with the temporalities by Wardens Forster and Macmaster. They gave him the keys of the church where-upon to show his authority as rector, he

of the service.

At the close he pointed out to the condamage to Van Blarcom's mill at Brighgregation and rector the solemn responsi-bilities that rested upon each.

HARVEY STATION.

Harvey Station, York Co., Feb. 10-About two and a half feet of snow has fallen during the past week and it is with difficulty that the highways are kept open. The Brockway mail drivers found it hard to make their regular trips last week, but succeeded in doing so.

George Moffatt has been appointed

highway commissioner in the place of Robert Little, resigned, and has assumed the duties of his new position.

A number of sportsmen from Boston

ing with the intention of fishing in the lakes in this section. After examining the fishing laws and learning that fishing through the ice was prohibited they returned to Maine on Friday morning, but signified their intention of coming back to fish here at the proper season.

Oats are becoming very hard to get here. The farmers who have them are

holding out for higher prices, which consumers are not willing to pay. Thomas Rolnson has brought a carload from Carleton county for the use of his teams at Tracy Station, where he has a large contract of hauling tan bark. Local buy-ers here are offering 45 and 46 cents per bushel, but are not getting many.



PERFECTION FOR HOME CR. No wiring, or piping, yet beats gas an descriptive catalogue. Write for it.

avenue.

Comtractor Hanford Langstroth has gone to Boston to prepare for the reception of his wife and family, who will follow next month.

A barn on the old Scribner property, at Central Norton, was demolished by the Central Norton, was demolished by the control of Edward Demill's control of the Baptist church here, lectured in the Central Norton, was demolished by the control of Edward Demill's control of the Baptist church here, lectured in the Central Norton, was demolished by the control of Edward Demill's control of the Baptist church here, lectured in the Central Norton, was demolished by the control of the Baptist church here, lectured in the Central Norton, was demolished by the control of the Baptist church here, lectured in the Central Norton, was demolished by the control of the Baptist church here, lectured in the Central Norton, was demolished by the control of the Baptist church here, lectured in the Central Norton, was demolished by the control of the Baptist church here, lectured in the Central Norton, was demolished by the control of the Central Norton, was demolished by the control of the Central Norton, was demolished by the control of the Central Norton, was demolished by the control of the Central Norton, was demolished by the control of the Central Norton, was demolished by the control of the Central Norton, was demolished by the control of the Central Norton of the sions in the western province was taken up. A vote of thanks was tendered the reverend gentleman for his entertaining

orandall's children, of flammation.

The many friends of Mrs. Geo. Sharp, of Main street, will regret to hear that there is slight, if any hopes of her revenue of the many friends of Mrs. Life The young friends of Miss Life The will be pleased to how the covery.

The young friends of Miss Life The young frien

will be pleased to hear that she has quite recovered from her recent illness, but her marriage of Miss Edythe Holstead, sister, Hazel, is quite ill with inflammadaughter of the late Charles A. Holstead, to Henry Sevenige, of Boston, took place to Henry Sevenige, of Boston, took place this morning at the home of the bride's mother, Mrs. Elliott, Botsford street. Only immediate friends were present. The ceremony was performed by Rev. G. W. Fisher, of the Central Methodist church. The bride received many handsome present that we been placarded.

On Wednesday, Feb. 5, the annual meeting of the L. O. county lodge for the mother of the boston, took place this morning at the home of the bride's mother, Mrs. Elliott, Botsford street. Only immediate friends were present. The ceremony was performed by Rev. G. W. Fisher, of the Central Methodist church. The bride received many handsome presents, including several substantial cheques. The newly wedded couple left on a trip to American cities and will make their home in Boston.

Norton, Feb. 7-Mrs. Susan Mercer, widlow of Joseph Mercer, of Mercer Settlement, aged 83 years, passed away Sunday after a brief illness. Interment took place at the River View burying ground on Wednesday. The funeral was largely at-

rally again, King McFarlane of Sussex, hauling a large quantity of lumber from Midland and shipping it from this place. G. G. Scovil, M. P. P., was in the village today.

ST. MARTINS.

appointed to look after supplies and visiting members of the board were appointed.

The ladies associate board will meet Monday afternoon with Lady Tilley to sanction some work of board of management and other matters for which they are responsible.

Since opening day a large number have Since opening day a large number have all fee of the control o

gave him the keys of the church whereupon to show his authority as rector, he
locked and unlocked the church doors and
then rang the bell.

The bishop's address was explanatory
of the service.

You Can Get Well Without Risking a Penny.

Won't You Merely Ask for My Book?

I have written these books after a lifetime's experience to tell you my way of curing chronic diseases.

I have tested my method by thousands of besides in hospitals and homes. It accomplishes what no other treatment can do. It is so sure that in any case, no matter how difficult, I take the entire risk.

No money is wanted. Merely write me a postal for the book.

I will send with it an order on your druggist for six bottles Dr. Shoop's Restorative. He will let you take it for a month, and if it does what I claim the cost is \$5.50. If it fails, I will pay him myself.

No other physician ever made such an offer, and none ever will. There is no other treatment that could stand such a test. But I have learned by experience that 33 out of each 40 who get these six bottles pay for them, because they are cured.

One time in forty I fail. Sometimes the disease is too difficult to be reached in a month. Sometimes an organic trouble, like cancer, makes a cure impossible. But 33 in each 40 who take the remedy get well. The other one pays nothing; the treatment is I won't you write a postal to learn about a won't you write a postal to learn about a

Won't you write a postal to learn about a medy like that? remedy like that?

My success comes from strengthening the inside nerves. I bring back the nerve power which alone operates each vital organ. I make each organ do its duty by giving it nerve power. Positively there is no other many control of the way.

It is a pity for a sick person to neglect an offer like this.

Simply state which you want, and address Dr. Shoop, Box 11, Racine, Wis.

Book No. 1 on Dyspepsia,

Book No. 2 on the Heart,

Book No. 3 on the Kidneys,

Book No. 4 for Women,

Book No. 5 for Men, (sealed),

Book No. 6 on Rheumatism.

Mild cases, not chronic, are often cured by one or two bottles. At all druggists.

Fell Dead Across Footlights. Birmingham, Feb. 8-Miss Gracie Hor

Advises All Persons Suffering from Lost Manhood to Send for This Free Cure.

HAS THE OFFICIAL ENDORSEMENT

American Authority On All Matters of Public Welfare.

ACCEPT IT TO-DAY.

I have a message to every suffering and health-broken man in this country. If you are afflicted with Sexual Weakness or Nervous Debility, I want you to read this article and then write to me. I have a medicine with which I have cured hundreds of my friends and others who have written me for it. I am not a doctor or a sharper, but a plain business man, and I want every weak, disappointed and debilitated man to write to me for a copy of the formula from which this wonderful medicine is prepared. I do not ask you for money. It is free.

Read the following, by William Cole, M.D., Washington, D.C., published in the United Investigating Reports regarding the prescription from which this remedy for curing Lost Manhood is prepared:—

During the examination of men for the army during our recent war with Spain, our United States army physicians were shocked to find so large a percentage of men disqualified because of nervous disorders. It is not the purpose of these reports to enter into a statement of causes, other than to say that the sufferer is seldom to blame. His condition is indeed deplorable; his memory falls him, his energy gone, his eyesight dimmed, his muscles, soft and his nervous stamina gone. He is pitted by those versed in nervous disorders, and repelled by those of both sex who do not understand how dark the world is to him.

who to not understand now is to him.

Some fifteen years ago the writer gave attention to the cure of nervous disorders, and found that the late Dr. Wilson, Professor of Chemistry and Practitioner of Medicine in Bellevue Medical College of New York, had Bellevue Medical College of New York, had a formula of wonderful power to restore to men the fullness of their physical and mental strength. In the year 1883 the celebrated Dr. Wilson died, and his formula has been obtained by L. F. Page, of 201 State Street, Marshall, Michigan, who prepares it according to the original prescription, and from our analysis of the same, by our Board of Investigation, we find it composed of pure and fresh drugs, and that it is sold under the name of. "Dr. Wilson's Restrative Remedies." Our investigation was extended into a great number of similar preparations, none of which were found equal to the above, while many were prepared by those who knew little or nothing about therapeutics or materia medica. We hereby caution the public against the use of all uncertain remedies, and all who need nerve life bringing medicine we recommend them to take Dr. Wilson's Restorative Remedies, prepared and sold by L. F. Page, 201 State Street, Marshall, Michigan, and unto the aforesaid Dr. Wilson's Restorative Remedies we extend the official endorsement of the United States Investigating Reports.

To every one who writes in good faith

To every one who writes in good faith
I will send the full formula of this
wonderful medicine. This prescription
and full directions are sent free. Have
it filled, or if you desire, you can buy
the remedies and prepare it privately
just as well yourself. One prescription will make a new man of you. One
dose will be enough to convince you of
its marvellous power.

Among those whose attention has

There are not many ministers who would be willing to publicly endorse and recommend a cure of this kind, with the statement that they themselves had been cured by it, but the Rev. Crawford has in him a great deal of true gratitude and love of mankind. This is shown in a recent letter in which he says that he makes public acknowledgement "in order that others may receive the same happy results."

Vou are older now and can look head.

acknowledgement "in order that others may receive the same happy results."

You are older now and can look back and see the mistakes you have made, but you cannot recall the vigor and fire of the springtime of robust manhood. Your transgressions have left their mark upon you. Your errors and excesses have ravaged your system and undermined your nerve force. Quickness, backache, nervousness and debilitating drains and worn-out, shrunken and lifeless organs are making your life a miserable existence devoid of pleasure. You hesitate and falter; you are not the man you once were, and you know it. Cast aside your modesty. This matter is too important. Act at once with manly decision.

This formula is printed and costs me almost nothing, and I give it free of any charge. I do not ask it, but if you desire to do so you can pay something after using it. I want to help every suffering man in America to regain his health and strength and the ability to enjoy the pleasures of life as I da. Address L. F. Page, private box 807, Marshall, Mich.

PRESBYTERIAN REVISION.

Hint at Modification of Section Referring to the Pope.

Phila. Feb. 8-The revision committee of the Presbyterian church today, cor tinued the discussion which begun yester day on the question of a brief statemen The subject of textual revision was als considered, especially section 6 of chapter XXV, in which reference is made to the pope. It is intimated by the members that this section has been modified.

Montreal, Feb. 8.—The ocean-carrying to harden stir it until so thick it trade is at present in such a bad position, both as regards the quantity of freight and the prices, that the Elder-Dempster line has desided to withdraw its Bristol-Portland service. Therefore, no more steamships flying the ader-Dempster flag will be a possible for the present the honey until itself thin but don't the honey until itself thin but don't will sail from Portland for the present.

ley, an actress, who was singing Dolly Gray at the Lyceum Theatre here last night, suddenly fell across the footlights and expired.

An official statement from the British Cycle and Motor Trades Association puts the average profit on a bicycle at \$2.16 and the number of persons employed in the cycle trade at 100,000.

The state of the s

MACADAM ROADS.

U. S. Department Adopts the Principles

The United States Department Agriculture has recently remodelled its road making department. In this connection it will interest Canamaking, to know that the department has decided upon the universal adoption of the principles of Macadam in road making, and that upon these principles the road making will ntinued by the department. The department, however, admits that in numerous locabiles building of gravel roads will be enlong before the macadamizing pro-



JOHN L. MACADAM.

It is interesting to recall the fac that John L. Macadam insisted that habits of a dozen cows, separately remail angular fragments of stone recorded and with excellent illustraare the cardinal requirements," and that no large stones should be used in road making. He also earnestly advocated the principle that all artificial road building depended for tificial road building depended for tificial road building depended for tificial road building depended for the results in his own practice. Two of the cows are here pictured. its success upon the making and maintaining of a solid dry foundation, and the covering of this foundation with a durable waterproof coating or roof of broken stone. The

While advocating the Macadam system of road building, the depart-ment does not undervalue the TelWhere it is practicable M ford system. Telford's claim that a paved foundation is necessary for all roads is too sweeping. But in very many instances that system is really

road makers. Care of Sheep in Winter.

essential to good road making. But in a majority of cases the contention of Macadam that a paved foundation

is unnecessary must prevail with the

If sheep are less exacting than the cows in their demands upon the time and attention of the they should not be neglected; says American Cultivator. Good food, and plenty of it, every day is needed, and if they are, as they should be, turned out every pleasant day for exercise and fresh air do not . expect them to get a living from the frostbitten grass that they may find, as a little of it will not hurt them and may do them some good, but it can-not be a very nourishing food. A few oats, a little bran and, if their roughage is of inferior quality, a little cornmeal every day will do them good, helping them to bring better lambs and grow more wool. Plenty of water where they can go to it as they please should be at hand, for when on dry feed they like to drink little and often, and they want it always clean. A sheep will go long without water rather than drink that which is not clean. Give but keep them dry, with the fleece free from rain or snow.

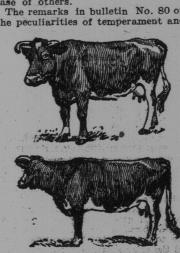
Never use anything in making caldy but the best grade of sugar, says American Agriculturist. Boil granulated sugar to a thick sirup and when done, so that it breaks like a pipestem when dropped in water, take it off and as it begins the honey until it is thin, but don't verized sugar it will take up. Then

BOVINE INDIVIDUALITY. A Study From Life With Its Indications ; Warm Stables, Balanced Rations and and Suggestions-Illustrations of

Two Notable Examples. What a farmer keeps dairy cows for is to make money. He wants to put in feed and milk out profit. dians, who are interested in road The scientist can talk about gluten and cottonseed, but if these do not make milk the farmer doesnot want them, and if he can make milk on anything cheaper, like hay and corn fodder, he is going to do it. Mr. Walter A. Conant of the Rhode Island station has lately been pursu the ing an untried field of investigation building of gravel roads will be encouraged, and that thousands of miles of gravel road will be in use, it has seemed to him that certain feeds and certain amounts of feed have made more milk in the case

case of others.

The remarks in bulletin No. 80 on the peculiarities of temperament and



LUCRETIA.

thickness of this crust may vary that could be desired in regard to with the soil, the kind of stone used, and the amount of traffic which it matter of affection and in regard to and the amount of traffic which it must sustain.

The U. S. department advises the people who build gravel roads to make use of liberal amounts of sand wherever it is obtainable. Whereas a dirt road becomes soft and muddy during, rainy seasons, sandy soils pack and harden. Because of this pack and harden. Because of this pack and conditions which all formers. natural condition, which all farmers understand, sand should be liberally used with the gravel. The departise so sensitive as to shrink in milk ment urges drainage for all dirt and gravel roads; the most thorough drainage possible with the best of modern methods and appliances.

Some of the appliances. Is so sensitive as to shrink in milk if any one talks to the man who is milking her. Lucretia is a ready eater of hay and takes to corn fodder, though not showing eagerness nodern methods and appliances.

Some of the conclusions already for either. The effort to keep Lureached concerning the stone mater- cretia from fattening was a failure.

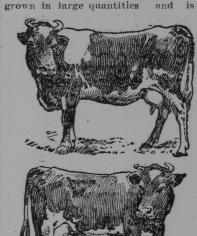
ials are that siliceous materials, Rotha is a registered Guernsey composed of flint or quartz, are too cow, dropped March 21, 1894. Ro brittle and deficient in toughness.

Granite is not desirable because it Though extremely nervous, she is is composed of three materials of different natures, guartz, feldspar and mica. Gneiss is inferior to granite.

Mica slate stones are altogether useless. Sandstones are also useless. be petted or brushed, and is quite The tougher limestones are very sensitive when carded. She is a keen The tougher limestones are very good, but the softer ones are too weak for heavy loads. They wear, wash and blow away. Trap rock is about the watering tub to punch highly regarded as possessing the the weaker cows. She is more ugly qualities most desired for macadam- with the other cows than Lucretia izing purposes. Being hard and and more tricky with man, though tough, when broken to small sizes, she is not intractable and never trap rock cement into a smooth hard crust impervious to water, and the smaller broken particles are so heavy that they are not easily blown away.

While edvective the Mandaman a kicker or hooker. She eats but little salt. She is a good deep and ready drinker, not stopping to lap or minding the tempera-

Where it is practicable Mr. Conant recommends as economical feeding,



KOTHA. cheap, to give hay and fodder first, water promptly and fully and after-wards feed the amount of grain drink that which is not clean. Give them bedding enough to keep their sheds dry and clean and plenty of pure air. Cold does not hurt them when they have on their winters. (concentrates rich in protein) when they have on their winter coats and kind are found that will make each cow give the most milk. feeding hay and fodder first and taking pains to see that each cow is fed all that she will eat clean the necessary amounts of digestible dry matter, carbohydrates and fats are supplied from material raised on the farm and the cow gets the full benefit of the digestible protein in the grain that has to be bought and paid for with ready maney. The feed of each of the twelve cows and its result upon the milk are noted in the bulletin.

> Plant Trees by the Roadside How much and at what little cost could the roadways of the country leading to the large cities be beau-tified if each farmer should give tified if each farmer should give a little time to the planting of trees now for a day or two's planting in the spring,

WINTER CARE OF COWS.

The rules for taking care of cows are so few and simple that we wonder why we should repeat them each year, but each year we see so many who do not practice them that we cannot refrain, hoping that we may reform some of them, says American Cultivator. One of the first requisites is a warm barn, not only for the comfort of the cows, but for the profit of the owners. When we think of some of the barns we knew when a boy, where the snow blew in through the cracks behind the animals and their tails were perhaps frozen down into the manure, we do not won der that farmers thought they were "tail sick" in the spring or had a "wolf" in the tail. Luckily there are not many such barns now, for the farmers have learned that it took good cornmeal to keep up the heat of the system, and that was more expensive than shingle, and as the cold grew inside the barn the milk yield decreased. If those barns remain the cracks have been covered, and perhaps our modern barns now err in the other extreme of being so tightly closed as to lack sufficient ventilation, a fault that can be remedied by the use of ventilating tubes from near the floor behind the animals to some point where they can carry out the foul air above the hay.

Another point is a comfortable bed

to protect them from cold, the hard and often cold floors. Of course good food and enough of it is necessary, but that is not all. The food should be varied in such pro tions as to make what is called a balanced ration enough grain so mixed with the rough fodder as to keep the



JERSEY GAZELLE'S FAWN 93,704.

[Highest testing daughter of King of St. Lambert-25 pounds 4½ ounces butter and 333 pounds 1 ounce milk in seven days; owned by Cherry farm.]

proportions of protein to carbohydrates

at about one to five, but much depends upon the breed and more upon the animal and its condition, and there can be no exact rule given as to the best mixtures or the exact amount. Any farmer can get from the experiment stations bulletins giving tables of the value of feeding stuffs and figure out rations for his animals to suit himself, watching the results and varying them

After food naturally comes water, This should be always pure and clean, and we would wish it could be always warm. There should be some cheap device for quickly warming the water in the trough. In fact, we think there has been such patented, but have not seen them in use. We have seen water warmed by steam at a low pressure conveyed to the trough in pipes and were told that for a herd of twenty cows the milk product was facrease enough to make it very profitable.

A Successful Dairy Cow Breeder. T. A. Borman of Topeka will teach judging of dairy cattle at the Kansas. State Agricultural college March 3 to

8, says Kansas Farmer. Mr. Borman started in Dickinson county with a common herd and through his knowledge of what a dairy cow should be bred his herd up until he secured an average of \$81 per cow at year selling milk to a creamery. He started with common mixed cows and by careful selection and breeding in six years developed a grade cow that produced 12,000 pounds of milk and 476 pounds of butter in a year with Kansas grown feeds. The average scrub cow gives seventy pounds of butter in a year. Many of the cows from his breeding refuse to become dry.

Shredding Corn Fodder. Nearly one-half of the feeding value of the corn plant is in the stalk, and if fed to the cows in the usual manner a large part of this food value is wasted in the stalks left uneaten, says Hoard's Dairyman. Shredding puts this food in a shape to be used by the cows. Under no condition would we allow the corn fodder to remain standing in the fields. The loss from rain, wind and frost is too great to be allowed. Twenty-five per cent is the usual and 40 per cent a not uncom loss of feeding value when the fodder is left in the fields.

Winter Care of Cows. Cows should never be left out of doors when the weather is uncomfortable. They may be turned out in a yard well sheltered from the cold on pleasant, sunshiny days in the winter for two or three hours, but when the weather is very cold or stormy, if they are not watered in the stable, which is the best way, they should be out only long enough to drink from a tank a few feet away from the barn and then immediately allowed to go back.

Young Dairy Stock. The rising generation of the dairy is often overlooked in the fall, remarks W. F. McSparran in National Stockman. The young things can get little growth or good from grass that has stopped in its own growing, and a little extra feed and attention now may save a lot of them both later and save also the irreparable damage sustained by

the future cow, caused by arrested development. Don't let the milk machine slip a cog stringers seminare