

On the Farm.

THE MILKING HABIT OF COWS.

It is one of the interesting studies of naturalists how far the action of man can affect the natural habits of animals. We doubt that to some extent all the lower animals may be subjected to some considerable change in their habits by long continued training, under a continuous system of gradual development. We have many instances of this, and all living things, plants as well as animals, are subject to and controlled by common natural laws we may justly believe that what may be done with plants may be done with animals. We have a great many illustrations of this, in the numerous breeds of common animals, their different habits, and abilities, and in the exercise of their natural functions. The cows, for instance have been changed in regard to their milking functions, sheep have been changed in regard to the quantity and character of their fleeces, birds have equally been changed, as the common domestic fowl which has been brought to become an egg producer, some varieties, wholly so, having been made to abandon the brooding habit.

As a whole it seems that what has been accomplished goes very far beyond what could be expected by persistent and constant effort we may make still changes in the way of improving the habits of cows. It is evident that the basis of all changes in any animal must be feeding. It is precisely as with plants. We all know that pumpkins and melons have been exhibited at the fairs, along with the varieties of all kinds of fruits, as well as of the progenitors of the wheat, and the heavy oats. All these have been produced by high culture, the result of which has been that manuring and fertilization and good cultivation. These processes in the raising of animals, and the improved animals to be raised, has been gained by the laws of nature distinctly and thus we have by persistent effort in this line of work fixed the products of the animals just as we have fixed the seeds.

At this time the seed has been fixed on the next crop of calves. Improved the soil by due attention to the feeding and training habit of the cows and the best seed in the male animals, which is the most important part to do in the management, and if we follow the best practice—by the selection in the way of improving the condition of the cow pregnancy, we shall undoubtedly make a still further advance in successive generations, and firmly fix the improvement of the special family of cows which has been subjected to a course of high culture.

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of cows. Shelter is scarcely thought of. The feeding is too commonly gauged in proportion to the mere existence of the cows. Sometimes even it is not sufficient to simply maintain the same condition existing just now, when the summer is past, and the feed is gone, and the majority of cows are drawing on their present condition to maintain themselves. The best and most thoughtful sometimes do not consider this as well as we should do, taking full note of the relation of the coming calf to this condition of the cow, or of the relation of this to the calf. But we are sure the great majority of our readers will fall into line with these remarks, and perceive how pertinent they are to the circumstances of all concerned, as soon as it is suggested.

WINTER FEEDING OF HOGS.

The winter housing of hogs is not an easy matter to deal with writes Mr. J. L. Riley. The main difficulty seems to be in getting them to take enough exercise. When one has but few hogs he can master this part of the difficulty very well, but when the number is large and comprises all ages, sexes and breeds, the question becomes complex. My buildings are not well suited to provide exercise and in the winter I am compelled to confine animals more closely than desirable. I have been able to obtain very satisfactory growth, but have not yet convinced myself that I am producing bacon of the best quality. A piggy must be dry and warm. I have had satisfaction from wooden buildings and prefer wood to anything else for the walls of the building. I have some cement floors with plank sleeping places which are giving fair satisfaction, but my farrowing pens are floored with boards. For pigs just after weaning, I find nothing better than wheat middlings and skim milk. Sometimes I cannot get enough skim milk and have to divide the limited supply among those needing it most. I have used ground oil cake and ground flaxseed in small quantities, steeped with the middlings, but though they are better than nothing, they do not equal milk. Of the two the ground flax-

A Story From Life.

SHOWING HOW SUFFERING CAN BE OVERCOME.

A Mill Operator Who Suffered from Kidney Trouble spent Many Dollars in Excessive Experiments to restore His Health—Dr. Williams' Pink Pills Acted Promptly and Effectively.

Good health is the chief requisite to happiness, low spirits, moroseness and irritability can in most cases be traced to ill health, and in not a few instances are direct symptoms of kidney trouble. These, added to the severe pains in the back which accompany the disease, make the life of the sufferer one of abject misery. One such sufferer was Mr. Darius Dean, of Jordan, Ont. Mr. Dean in an interview with a reporter recently gave his experience as follows:—"I am a saw and grist mill operator, and naturally a strong man; but the life of a miller is a hard one, with long hours of labor and frequent exposure. Some years ago as the result of this exposure I was afflicted with kidney trouble, and although I spent much money in various remedies I did not find a cure until I was persuaded to try Dr. Williams' Pink Pills. In the autumn of 1898, the trouble began to assume an aggravated form. I suffered from most severe pains in the back, and a feeling of drowsiness, and yet so severe was the pain that many a night I scarcely closed my eyes. My appetite was poor, I suffered from headaches, lost flesh, was miserably and wholly unfit for work. It was while in this condition that I was advised to try Dr. Williams' Pink Pills, and procured three boxes. Before I had finished the third box I felt much better, and I then procured a half dozen boxes more. I used all these, but before they were all gone I felt that my health was fully restored. In the interval since then I have had just one slight return of the trouble, and Dr. Williams' Pink Pills soon drove this out, and my health since has been the very best. I have gained much in weight, eat and sleep well and consider myself as healthy a person as there is in the county; and the credit for this I feel is entirely due to Dr. Williams' Pink Pills."

Dr. Williams' Pink Pills increase the supply and the richness of the blood, and in this way cure physical and functional weaknesses. Most other medicines simply act upon the symptoms of the disease, hence when the medicine is discontinued the patient is soon as wretched as ever. Dr. Williams' Pink Pills go directly to the root of the trouble and cure to stay cured. Hence it is unwise to waste money in experiments with other medicines. These pills are sold by all dealers or will be sent post paid at 50 cents a box or six boxes for \$2.50 by addressing the Dr. Williams' Medicine Co., Brockville, Ont.

All Japan teas are colored.

SALADA

CEYLON GREEN TEA

is pure and uncolored.

seed is perhaps the better, but it should not constitute more than about 5 per cent of the total food. By the time pigs are about three months old a little mashed grain is sometimes added. I like barley for this purpose and often add a few oats ground as fine as possible. Soon after this a few roots are added to the mixture. I feed roots raw and find them satisfactory, except that sometimes cooked roots are eaten a little more readily. I prefer sugar beets, but turnips and mangels are also good. When potatoes are fed they should always be cooked. Raw roots are pulped and mixed with the meal ration, after which the whole mass is moistened.

LET'S TALK IT OVER.

Fair Canadians; The policy of your newly-elected rulers is in favor of trade within the empire. Your patriotism approves of it. But, setting that aside, I appeal to your daily taste and ground my faith on QUALITY. If you try Ceylon and India machine-made GREEN teas you will miss something. What? The impurities imparted to Japan and China greens by the FILTHY METHODS OF HAND-ROLLING. Think of this. Blue Ribbon, Moonson and Salada packets are on sale.—Colonist.

GEN. JUBAL A. EARLY AT CHURCH

The story was told that in the valley of the Shenandoah during the winter of 1861-5, while Early was there in command, he electrified his staff one Sunday morning by announcing his intention of going to church. Several of his staff went with him. The clergyman happened to preach a sermon that day on the Resurrection, and drew a very vivid picture of the scene, and of all the departed rising by millions in their white shrouds. "What would be your feelings, my dear brethren, on that day? What would be your feelings at seeing all the dear ones who have gone before rising on that dread occasion? What would be your feelings at seeing those of our brethren, those gallant ones who have given up their lives for our beloved country, rising in their thousands and marching in solemn procession? What would you think, my brethren?" General Early turned to his staff officer and said: "I would con-script every d— one of them."

BRITAIN'S UNIQUE COLONY.

In some respects New Zealand is the most advanced of any British colony. Its climate is absolutely perfect, its population hardy and devoted to the land of their adoption, and its resources are most fruitful and already highly developed. The working man is supreme there, and it is the boast of the islands they do not contain a millionaire! To New Zealand belongs the credit of having established franchise for its women and pensions for its old people, and it has shown a general capacity for managing its own affairs far in advance of any community of its age. The Maoris are decreasing in numbers, and although they have made an effort to adopt civilization, it is not suited to their temperament.

"WE'LL TAK' A CUP O' KINDNESS."

Though Women's minds, like Winter winds, May shift and turn an' a' that, To love of Scandal, Tea and friends— They're constant still, for a' that! An' so awa' wi' Foreign Teas, Doon wi' Japan an' a' that! Ceylon Green Tea they loe' the best, And wha' a' Crime dau' ca' that! For it's the tea, aboon the lave, They dearly loe', an' a' that— Blue Ribbon, and Salada, too, And braw Moonson, an' a' that— Because, you see, 'twixt you an' me, Japan, the Line they dra' at, For syne the first are British Teas, They loe' them weel, an' a' that! Though some may prate o' ither tea An' flaunt Japan, an' a' that— The Lassies say they'll bae their way An' drink Ceylon for a' that! For a' that, an' a' that— Awa' Japan, an' a' that— Tae bonnie teas they loe' the best Are Empire Grown, an' a' that! Canadian correspondent, "with apologies to Burns," has been gratefully received and immediately adopted by—Colonist.

STEEL VS. IRON HORSESHOES.

Many blacksmiths, says an Australian exchange, are using steel horseshoes instead of those made of iron, owing to their longer life. It has been noticed, however, that a steel shoe becomes hot after a brisk trot of a couple of miles, under conditions where an iron shoe would be unaffected. This heat, besides showing that the foot has been jarred, causes the hoof itself to crack and dry up so that after a few months' shoeing with steel the feet become bad. The explanation is that the iron being so much softer, does not slip like steel, and hence there is not so much jarring.

Young Folks.

GOOD MANNERS.

There is no more important work done in our schools than in teaching "morals and manners." The lessons should come, not once a week, but daily, and the teacher who cannot find "matter" sufficient for a daily lesson is lacking in essentials. True manners are the passports of the gentleman. Too often our boys think that good manners are for cultivation by others, not for them. "The boy is father to the man," and the ill-mannered boy is the future fault-finding man. By lacking manners, you lack friends.

To smile, to bow, to lift the hat, to beg pardon, to say "thank you," costs nothing. No one will ever know the vast good that these words and similar ones have accomplished.

ELECTRIC DANCERS.

A piece of glass is supported between two books by being placed beneath the uppermost covers as the books lie flat on the table and underneath it are put little figures cut from tissue paper. If the glass be now rubbed with a piece of flannel the electricity generated will cause the figures to rise and fall, as if in the act of dancing.

CHINESE GIRLS.

Little girls in China play house in much the same manner as children do in Europe and America. They have no specially made toys for the purpose but use clam shells and small cups, in which they pretend to serve food. Boys make various kinds of popguns and squirtguns out of bamboo. Boys make lanterns out of turnips in the autumn.

About the fifteenth day of the first month the tug of war is a popular sport. In the country one village will tug against another, the notion being that the village which wins will have a good harvest. The rope is of straw, two feet in diameter, with its ends divided into branches. The men take the main stem and the women the branches. The women load their skirts with stones.

MARJORIE'S STORY.

"I just had the loveliest time while I was out in the country," said Marjorie, as she sat down to sew up a rip in her dolly's dress. "One day while I was out in the swing an' pretending like it was a naughtmobile, you

One of the most dangerous and repulsive forms of Kidney Disease is

DROPSY

for which Dodd's Kidney Pills are the only certain cure. In Dropsy the Kidneys are actually *damned up*, and the water, which should be expelled in the form of urine, flows back and lodges in the cells of the flesh and puffs out the skin. Remove the filth which plugs up the drain. Restore the Kidneys to health. There is only one Kidney Medicine

DODD'S KIDNEY PILLS

know, like you see the pictures of, Dan—that's the big black dog—came out dressed up in his sailor suit an' yes'm, he had a sailor suit that day—an' a spyglass under his front arm, an', says he; "Ship ahoy! There's going to be a boat race to-day. Don't you want to go along?"

"Yes'm, the dog said that. He's an awful smart dog. So, of course, I went along, back through the orchard to the duckpond, an' there was three pigs, with their sailor suits on, just lovely, an' they all had tubs. "Ship ahoy!" said Dan, as soon as we got there. "I guess we're all ready now!"

"Well, when Dan said that the pigs I have. I forgot to post that letter rolled their tubs into the water an' my wife gave me this morning.

"You can mould opinion, you can create political power," says John Bright. But you cannot find a Tea equal to Blue Ribbon Ceylon. Put up Black Mixed & Ceylon Green

DON'T TAKE anything that is offered you, but see that you get what you ask for, NAMELY

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APPLES.

Poultry, Butter, Eggs and other Produce. If you have any correspond with us. We want 100 CARLOADS to supply our trade.

The Dawson Commission Co., Limited, Toronto.

climbed in an' took their oars—yes'm, they had nice little oars that day—an' began to row just as hard as they could across the pond. It was a wawful good race. At first the tubs wanted to go round an' round, an' one of the pigs got seasick, an' a swan scared the littlest pig, made him lose his oar, but they all got across all right, and when the first one come across Dan said;

"Ship ahoy! You've won the race, an'—eh? I surely didn't really see all this? Why, of course not, Aunt; it's just a pretend story, an' I'm making it up as I go along, like Uncle Joe does."

A NOISELESS RING GAME.

The small rubber rings that are used in every household with which to seal preserve jars may be made the means of much amusement when a lively game is desired. First, obtain a smooth head of a flour or sugar barrel, and see that the pieces are all fastened together, forming a circular board; or any smooth board about a square foot in size will serve the purpose.

Procure 10 coat hooks of medium size screw them into the board, and mark above each hook its number ranging from No. 1 to No. 10. Nos. 1 to 6 may be a sort of outer circle, Nos. 7 to 9 an inner circle and No. 10 in the centre. A hole may be made in the upper end of the board, or a screw-eye inserted, by which to hang it upon the nail in the wall.

No. 10 is sort of a "bull's-eye," and each player being given three of the rubber rings, takes turn in throwing them from a position about 10 feet away, endeavoring to "hook" as many on the board as possible. A score is kept of the points gained by each player, the one first getting 100 points being the winner. However, exactly 100 points must be made. For instance if a player has 99 he has to work for "Hook No. 1," as any other hook would carry him over the mark. This difficulty adds to the interest of the game.

No advantage of the game is that no noise is made nor damage done by the rings, and it may be improvised by any boy or girl.

BE PATRIOTIC.

Fair Canadians; Your brothers and lovers are returning covered with glory. The whole empire attests the credit of their achievements. In Africa they met their cousins—the British tea planters—also fighting for the cause. Dear Cousins; You can aid the comrades of your soldier brothers. Try Ceylon and India GREEN teas, if you now drink Japans. Leave the rest to your dainty palates. Salada, Moonson, and Blue Ribbon packets await you.—Colonist.

HIS DEFINITION.

Willie—Pa, what is a publisher? Author—My son, a publisher is a squatter on the unearned increment of thought.

There is more Catarrh in this section of the country than all other diseases put together, and until the last few years was supposed to be incurable. For a great many years doctors pronounced it a local disease, and prescribed local remedies, and by constantly failing to cure it with local treatment, pronounced it incurable. Science has proven Catarrh to be a constitutional disease, and therefore requires constitutional treatment. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, Ohio, is the only constitutional cure on the market. It is taken internally in doses from 10 drops to a teaspoonful. It acts directly on the blood and mucous surfaces of the system. They offer one hundred dollars for any case it fails to cure. Send for circulars and testimonials. Address, F. J. CHENEY & CO., Toledo, O Sold by Druggists, 75c. Hall's Family Pills are the best.

I've got to stop dictating letters for awhile now. Why? Our typewriter girl has begun to crotch her self a pink fascinator.

MONTREAL HOTEL DIRECTORY. The "Balmoral," Free Bus Am. Plan \$1.50 a up \$1.50 a up AVENUE HOUSE—Mezz—College Avenue Family Hotel Rates \$1.50 per day.

Waiter—Haven't you forgotten something, sir? Guest—By George I so I have. I forgot to post that letter my wife gave me this morning.

Uneasy lies the head that thinks it ought to wear a crown. We shall soon be hearing of the self-made woman.

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Client—Has a man a legal right to open his wife's letters? Attorney—Certainly you have the right—but will she allow it?

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Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to cure. E. W. Groves signature is on each box. 25c

A thoroughbred gentleman puts on his clothes and then forgets them. That's what I try to do; but my tailor won't let me. W. P. C. 1054.

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