Ex-Governor Frank S. Black of New | DAIRY AND POULTRY. York is a stanch believer in state parks and while in office he did much to aid legislation in that regard. On one occasion he said to a number of prominent men at Albany: "What we need now is to have a counsel for the forest commission." "A counsel?" inquired a country member; "what has the forest been committing that it should need a counsel?"

The longest continuous run of a rail way train in Europe is that from Paris to Constantinople, 1,921 miles, in sixtyfour and a quarter hours.

Maurice Barrymore's wit is far-famed, but a neat little witticism at his expense was Augustus Thomas' laconic criticism of one of Barrymore's The playwright had been mercilessly picking flaws in the actor's drama until the good natured "Barry" winced. "Oh, come, wus," he inter-rupted, "don't be quite so hard, if its not an 'Alabama.' Just remember that I wrote it in a week. "Did you, Barry?" retorted Thomas; "Then you must have loafed.'

If you will

return this coupon and three one cent stamps to the J. C. Ayer Co., Lowell, Mass., you will receive in return a copy of the 20th Century Year Book.

This is not an ordinary almanac, but a handsome book, copiously illustrated, and sold for 5 cents on all news-stands. (We simply allow you the two cents you spend in postage for sending.) Great men have written for the Year Book. In it is summed up the progress of the 19th cen-

tury. In each important line of work and thought the greatest living specialist has recounted the events and advances of the past century and has prophesied what we may expect of the next.

Among the most noted of our contributors are :

Secretary of Agriculture Wilson, on Agriculture; Senator Chauncey M. Depew, on Politics; Russell Sage, on Finance: Thomas Edison, on Electricity; Dr. Madison Peters, on Religion; General Merritt, on Land Warfare; Admiral Hichborn, on Naval Warfare; "Al" Smith, on Sports, etc.; making a complete review of the whole field of human endeavor and progress.

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INTERESTING CHAPTERS FOR OUR RURAL READERS.

How Successful Farmers Operate This Department of the Farm-A Few Hints as to the Care of Live Stock and Poultry.

A Great Dairy.

Hoard's Dairyman gives this interesting account of an immense dairy owned by Francis Francisco, near Newark, New Jersey:

"There are never less than 1,000 cows at this establishment. The number varies from 1,000 to 1,200. Mr. Francisco receives at least one carload of plump "new milch" cows from his Iowa ranch every week. His inspector tests and examines every cow rigidly, and every one which is found to be out of condition, or that does not give milk which, in amount or quality, equals the standard required, is converted into beef. Then the rest are given a place sold to the meat dealer as soon as it becomes "dry," and its place filled by a new milch cow.

"These cows are kept in three large stables, and sixty men care for their wants. These stables are clean, dry and well ventilated. Every cow looks sleek enough to go to a wedding. Every cow is curried daily, and every cow's udder is thoroughly washed before each milking. The stables are lighted by electricity and cooled by electric fans. As every cow is milked the milker pours the fluid into an automatic carrier, which takes it to the milk house and places it in vats which are surrounded by ice. These cows are fed either ensllage or hay, and grain, shut up every inclement day, but every pleasant day they are let out to pasture. The entire establishment covers about 300 acres. Not only is every cow tested when she first arrives, but frequently after that time as well, and every cow whose milk does not test at least 4 per cent butter fat, or in any other way falls under the requirements, is carted away to the slaughter house, where its neighbors are destined to go in a few short months at the very

"The milk from this establishment is bottled and sealed, and shipped in refrigerator cars to New York city, and disposed of to the retail trade. The price received varies from season to season, but is never less than 10 nor more than 14 cents a quart."

From Farmers' Review: To those

contemplating raising ducks for market next year it is time they had their breeding stock on hand. If you raised ducks this year and intend raising from the young ducks, you should at least dispose of all the drakes and cull to the ducks you have, and if possible procure old drakes. Indeed, we strongly advise raising from old stock altogether, for while the young hatched may all live they are not quite so large, averaging them, and the eggs will not hatch so well. Build a house, not as warm as for your hens, Indeed, it may be entirely open on the south. it should be dry and comparatively comfortable. Begin now and feed a little heavier, and let the food be largely bulky food, such as cut clover, cut rye or let them pasture on rye, and bran. Don't give much corn until severe weather, during which we have Thus at both ends of the trade are successfully given all the shelled corn they would eat at night. During and | that in the concerns that are running before the laying season we make it a on the co-operative plan, where the rule to give a warm breakfast. The mash need not be mixed as stiff as for chickens, and if you have milk to give they are receiving no more than the the ducks give it to them in their mash. It does not prove a success when given as a drink. Once a week place powdered charcoal in their mash, a gill to a quart, and have it around their house in sizable pieces all the time. Treat them about as you do your hens only they do not need a dust bath and as warm a house. They need more to eat then hens, head for head, but it may be made more of bulk with advantage to the ducks and to the cost

of feed. During the heavy laying time they need feed in the proportion of three hens' ration to two ducks. Two ducks will eat as much as three hens, and must have it if they do their best at laying. Their eggs are much larger than a hen's egg, and they lay more in a given time. To do their best at laying they should have fresh lean meat twice per week, all they want after you have them broken into it. Procure one drake for each five ducks. and get nice ones even if your ducks are rather so so. It is not generally known that ducks grow after they are a year old, but they will. We have some that were a year old last April that have grown the past summer. They are now as large as the old-fashioned geese, and if nothing happens they will be in the best possible shape for breeding from the coming season. They were never stunted either; when they were six months old it seemed they were as large and nice as one ought to expect of a duck, but they

have grown surprisingly since then. Now, don't think you must keep their craws full all the time if you are ported 35,000 packages. The United to get many eggs, indeed, you must not do that. For ducks to lay well, and 000,000 pounds of butter of which only above all, their eggs to hatch well and about 5 per cent comes from the United produce good, strong ducklings, they States. Why should not the governmust exercise a great deal, and for this ment inspect American butter for exthere is nothing better than a pond to port, the same as she does meat going swim in. It is not necessary to have abroad. The officials of the agricula duck pond in order to be a success- tural department believe the plan thorful duck raiser, but it helps lots. The eggs seem to be all fertile, and such tation of Canadian butter and cheese great strong ducklings kick out of results from such an inspection. Canthem. How many breeding ducks ada will permit no exporting of imitashould you have? That depends on tion of butter or cheese and her repu-

your ducks, and probably most of all upon yourself. Mr. Rankin, when he was a beginner, raised 1,500 marketable ducks from thirty head of layers. Of course, he had advantages. We marketed 160 ducks from the eggs layed during four weeks of twelve layers with no advantages other than any farmer has.

EMMA CLEARWATERS.

Four-Horned Sheep. While traveling through northwestern Pennsylvania my attention was

called to a curiosity in the line of sheep. It was a breed with four horns, writes a contributor to American Sheep Breeder.

One ram had horns the total length of which was thirteen feet. Of course this breed will never come into favor as a profitable breed. Too much nutrition is used to produce the horns, but as a curiosity and a specimen for parks they will be sought after.

The horns vary greatly as to shape, but the general form was two standing straight from the top of the head and the other two branching from just below the others and in some cases mak in the dairy. Every cow is killed and | ing a curve, while in other instances they extended straight out.

I questioned regarding the origin of this breed and found they all came from one ram left by a traveling company several years ago. The company finished the season and asked a farmer to keep their ram until spring for them. In the spring they presented the ram to the farmer.

He took Highland Blackface ewes and crossed with the ram. The ram proved very potent and as a result there is a flock of twenty-five or thirty

sheep with four horns. They have been crossed in and seem to keep the original characteristics. Where the first ram came from I have been unable to find out, but as every day in the year. They are kept | far as I can learn this is the only flock in the world,

> Washing and Working Butter. One washing is usually sufficient. The Danes, as a rule, do not wash their butter, yet it generally commands the highest price in the English market, says an agricultural student. Butter should not be too dry before applying the salt, as the moisture aids in dissolving the salt as well as the working does; hence, less working is required if the salt is applied at the right time. When butter is worked twice the result is usually more satisfactory. The first working should not occupy more than a minute or a minute and a half; just enough to nicely incorporate the salt. It should then be loosely put in a tub and placed for three or four hours in a room where the temperature was kept from 50 to 55 degs., not being cold enough to chill and harden the butter on the outside, as butter kept at a moderate temperature will work better at the second working than if permitted to harden too much. The second working should

> > Too Close Competition.

pear stringy, like broken iron.

continue until the butter becomes

waxy, or

The Kennebec (Maine) Journal says: It is said to be a fact that not one-half of the factories in the state of Maine are paying running expenses. They are so thickly settled now that they are competing among themselves for the purchase of the cream and in consequence there is a constant fight to see who will pay the larger price for the cream. Then at the sale they are competing with one another on the price to see who will sell the cheapest. they cutting off their heads. It is seen farmers have what is made after paying the expenses of the factory, that ones where the farmers sell for a price outright. It will average about the same in both cases when taken for the year round.

The Color Fad.

If the brood sow does not come in heat you may know that she is not in good condition, says the Farmer. If a litter has just been weaned, feed her liberally, and in a few days she will breed. As a rule it is not best to breed her the first time she comes in heat after weaning the pigs. The probabilities are that she has not sufficiently recovered from the strain on her system to do well. The litter from coupling at this time would likely be few in number. The sow to give the best return should be in fine condition when bred, making improvement each day. It is not reasonable to expect much from a sow running down in flesh and in low condition; yet sows are often bred that are but little more than walking skeletons, and are expected to produce thrifty pigs.

Canadian Dairy Exports .- If Canada can make money exporting butter, it would seem a profitable industry for farmers in the United States. Although our exports are increasing somewhat they are still woefully small, and this is due to the poor reputation American butter has acquired through the shipment abroad of poor butter, oleo and process butter, offered for sale as prime American. In July our exports were something over 20,000 packages, but in a single week recently Montreal ex-Kingdom imports annually about 350,oughly practicable. In fact, the repuhow many you wish to market, on tation on both of these articles is good.

On one occasion the Prince of Wales visited a Hindoo school in Madras. The youngsters had been drilled into the proporiety of saying, "Your royal highness" should the prince speak to them, and when the heir-apparent accosted a bright-eyed lad, and, pointing to a primatic compass, asked, "What is this?" the youngster, all in a flutter, replied: "It's a royal compass, your prismatic highness."

Egypt and the Soudan have now 2,014 miles of railways; the line from Boeber to Kassala and Suakim is under way of construction.

An American lady who was in the Highlands shooting with her husband. attended the local kirk one Sunday morning, but left it with scandslous precipitation. For an hour the good minister had been flercely raging at his benighted congregation, and wound up: "And pairhaps" (with pious cunning) "ye'll be thinkin," ye wairthless waistrels, that ye can daddle intae Paradise by clootchin' tae my coattails! Dinna be deceivit, for mark weel" (a pause of stern and holy joy) when the trump of Gabriel soonds, I'll sneck them aff!

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 proscribed local remedies, and by constantly failing to cure 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 intermally in doses from 10 drops to a teaspoonful. It acts directly upon the blood and mucous surfaces of the system. They offer and mucous surfaces of the system. They offer one hundred dollars for any case it falls to cure. Send for circulars and testimonials. Address F. J. CHENEY & CO., Toledo, Olso. Sold by Druggists, 75c. Hall's Family Pills are the best.

Good counsel rejected returns to enrich the giver's bosom.

Those little rubs which Providence sends to enhance the value of its

If you have not tried Magnetic Starch try it now. You will then use no other.

The constantly increasing business of the B. & O. R. R. has necessHated very material additions to the telegraph service. During the past year nearly 2,000 miles of copper wire, 166 pounds to the mile, have been strung. New lines have been placed in service between Baltimore and Pittsburg, Baltimore and Parkersburg, Newark, O. to Chicago, Philadelphia to Newark, Philadelphia to Cumberland and Cumberland to Grafton. During the summer several of these wires were quadruplexed between Baltimore and Cumberland and duplexed west.

The January Century will contain a poem by Rudyard Kipling, "In the Matter of One Compass." Dr. Mitchell's story, "The Autobiography of a Quack," ends in that issue, but another serial by Dr. Mitchell will begin in the March number. It is called "Dr. North and His Friends," and one who has read the manuscript calls it "an epitome of the science, culture and common sense of the nineteenth century."

In Connecticut the percentage of criminal population to the thousand inhabitants has fallen steadily from 2.48 in 1896 to 2.33 in the present year

Try Grain-ot Try Grain-61

Ask your grocer today to show you a package of GRAIN-O, the new food drink that takes the place of coffee. The children may drink it without injury as well as the adult. All who try it, like it. GRAIN-O has that rich seal brown of Mocha or Java, but it is made from pure grains, and the most delicate stomach receives it without distress. One-fourth the price of coffee. 15c. and 25c. per package. Sold by att

Opium eating is described as making serious ravages among the working people in the fen district of Hantz and Cambridgeshire, in England.

AMERICA SAYS SO. The Entire Country is

on the Move.

Cascarets Candy Cathartic Did It, and Record a Phenomenal Victory. Five Million Eoxes Sold Last Year.

From every part of America comes the news that sufferers from constipation have found relief in Cascarets Candy Cathartic, the wonderful modern scientific laxative and intestinal tonic. Cascarets are figuratively and literally in everybody's mouth. Thousands have tried Cascarets with the most pleasant and effective results, and voluntarily testify to their experiences. Here are a few extracts from some of the letters:

"I have been using Cascarets for headache and constipation and have received ache and constipation and have received great benefit from them." Mrs. M. Gab-ler, 512 Larrabee St., Chicago. "I have been taking Cascarets for over a month and find them just the thing for constipation." Albert B. Burt, 70 Main

constipation." Albert B. Burt, 70 Main St., Andover, Mass.
"I am using Cascarets and have never found anything so satisfactory." Mrs. C. W. Durrant, 57 Emerson St., Buffalo, N.

"I have taken Cascarets and cheerfully recommend them to all my friends." Mrs. G. J. Gradwell, Frugality, Pa.
"Cascarets are fine for billousness and malaria and are so pleasant to take," Mrs. Mary Cummings, Maud, Oklahoma.
"I use Cascarets in my family and find them all you recommend them to be." E. L. Irvin, Cor. Mead and Railroad, Meadville, Pa.
"You can safely add appendicitis to the list of diseases that Cascarets will benefit list of diseases that Cascarets will benefit or cure." Eunice J. Smith, Rich Valley,

list of diseases that Cascarets will benefit or cure." Eunice J. Smith, Rich Vailey, Ohio.

"I have used Cascarets; there is nothing better for constipation." Benj. Passage, Knightstown, Ind.

"Cascarets are all right. They have cured me of constipation, and I never expected anything would." Charles H. Nye, Lock Box 295, Cincinnati, Ohio.

"I am so thankful for your Cascarets. They are better than any medecine I ever used." Mrs. M. Rew, Lacelle, Iown.
"I do not hesitate to say that Cascarets is the very best medicine ever placed before the people." Andrew Woodruff, Daysville, N. Y.

"Cascarets are the best cathartic I ever used." Tom Holt, Wellwood, Manitoba.

"I have tried your Cascarets and I want to tell you they are just splendid." John Wiegmink, Box 361, Allegan, Mich.

We could fill the whole paper with expressions like the above. Thousands of similar recognitions of the merits of Cascarets have been volunteered and prove that this delightful laxative, so pleasant of taste, so mild and yet effective, has secured a firmly established place in the hearts of the people.

Go buy and try Cascarets yourself today. All druggists, 16c, 25c, 59c. Booklet and sample free. Address Sterling Remedy Company, Chicago or New York.

This is the CASCARET tablet. Every tablet of the only genuine Cascarets bears the magic letters "C C C." Look at the tablet before you buy, and beware of frauds, imitations and substitutes.

Robert Hilliard, 144 actor, brought a young Englishwoman to see "El Capitan.' She was much impressed with De Wolf Hopper, and remarked: "What a charming man your Mr. Hopper is. Tell me, is he married?" "Been married three times," was the reply. "Three times!" she repeated; "and they are all three dead?" "No," was the answer; "divorced." "Ah!" she rejoined, "I see; he is a Grass-Hopper."

There is no character more contemptible than a man who is a fortune hunter.

The days of courtship are the most happy of our lives.

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want the means of decency. Try Magnetic Starch-it will last longer than any other.

The dullest fellow may learn to be comical for a night or two.

The German government has decided to build a railroad through Eastern Africa, and will effect a junction with the Capota-Cairo railway.

The Hon, John Barrett writes with his accustoned clearness and force in the Review of Reviews for January on "Our Interests in China-A Question of the Hour," setting forth the responsibilities, as well as the opportunities, devolving on the United States as a Pacific power.

The late Lord Watson had a habit of interrupting counsel, and this often caused irritation. One distinguished advocate once reproached him on this account in private. "Eh, man," said Lord Watson, "you need not complain, for I never interrupt a fool."

Hospitality is one of the first Christian duties.

Piso's Cure for Consumption is the only cough medicine usel in my house. -D. C. Albright, Mifflinburg, Pa., Dec. 11, '95.

Finery is unbecoming in us who Offences are easily pardoned when there is love at the bottom.

Use Magnetic Starch-it has no equal. Mortifications are often more pain-

ful than calamities.

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