



The Snow Goose.

Snow geese are exceedingly graceful and beautiful birds, of about 28 inches in length. They are sometimes known as White Brant and Blue Winged Geese. Their range is very extensive. They have been noted in Texas, are abundant on the Columbia river and Audubon notes that he has seen them in every part of the United States which he has visited. The young geese



SNOW GEESSE.

are gray. At what period they become white is not definitely known. One that had been captured while young remained gray for six years, when in two months' time it grew to be a pure white. Dr. Richardson is authority for the statement that they breed in the barren grounds of Arctic America. They mainly feed on rushes, insects and berries and in turn are very excellent eating themselves, but are rarely domesticated.—Orange Judd Farmer.

Farm Fences.

One of the first evidences of a thrifty farmer is the state in which he keeps his fences and the buildings about the place. A fine farm is often made unsightly by unnecessary fences, especially if of the snake fence description, which harbor weeds and insects and add to the labor of cultivation. There are too many fences on the average farm, and the day must soon come in which the rails and the expense of other material will make it necessary to bring about a change. The most essential fence is the one defining the farm boundaries, and we suppose this will remain necessary until there is a general arrangement in the district to do as exists in some other countries—to do away altogether with line fences—marking the boundaries with posts or permanent monuments, and the municipalities enforcing strictly the by-laws against cattle straying at large.

For the purpose of keeping stock in the grazing fields, a light, movable fence could be in use, so that different parts of the farm could answer its purpose in this respect from year to year. This system may be seen in some parts of the States, and answers its needs well. Much land can be saved for tillage, and the farm kept in better order. The calculation of the extent of waste fence on a farm will surprise one. We do not think the safety of the crops from depredation need be feared, and if the system prevailed, damage caused by the carelessness of others or willful wrongdoing would meet with due punishment and compensation in damages.—Rural Companion.

Stacking Hay Properly.

The accompanying sketch from the American Agriculturist shows the form of a stack that will best turn water. A



HAY PROPERLY STACKED.

pole extends up through the center of the stack and a bit of canvas of duck over the apex will assist in turning rain, particularly until the hay is well settled. Light cords extending down on all sides to pins driven in the ground, will aid in keeping the top of the stack from being blown off. The stack should grow gradually larger until the edge of the "roof" is reached. Select a knoll for a foundation, or put down boards to keep the moisture from soaking up into the hay.

Cabbage Seed Grow up.

It is worth while for farmers as well as for seedsmen to select the cabbage heads that form earliest, especially with the early-maturing varieties, and save those plants, root and head together, to plant for seed in the spring. It may be that the cabbage that heads earliest has had a richer spot of land

than those surrounding it. But the fact that it does head earliest is in its favor. Plant this cabbage root and head together. Less seed will be formed than if you planted the root and sold the cabbage. But what is the loss on a single early cabbage, compared with the gain from cabbage seed that will produce early cabbage every year?

Paying Their Mortgages.

"Farmers are paying their debts" is the oft-repeated report of financial institutions that have money loaned on farms in the Central and Western States. Not only is this true, but profiting by past experience, once farmers get their debts paid they show little disposition to borrow again. One Nebraska loan company informs us that because of this determination among farmers, it is impossible for them to put out their capital at "favorable rates." In other words, farmers who are paying their debts, won't borrow again even for good business reasons unless the interest is fixed at a reasonable figure. That is just right. Once out of debt, keep out, but if for solid business purposes a farmer requires more capital, he cannot afford to pay over 5 or 6 per cent for it. Unless some such rate can be had, let him down without the loan. This is the most effective way of making money "easy." It explains why deposits in Kansas banks are again increasing, while their loans are on the decrease.—American Agriculturist.

How to Boil Water.

There is an art in boiling water which many even among otherwise good housewives have not learned. It is to begin with a little water, but always use enough so as to cover completely the bottom of the vessel exposed to the fire. This will boil very quickly. So soon as water boils all further heat applied to it is wasted. But a little more cold water added will not check the boiling, as the fire has only to heat that much additional to the boiling point. In cold weather the waste of heat does not amount to so much, though, even then, to boil a kettleful of water quickly and get it to the boiling point is often a convenience. But in hot weather the waste of fuel, and also of heat, that is then a nuisance, by filling a kettleful at first, is a great mistake. A large amount will boil much quicker by beginning with a little first.

Keeping Hillsides "ceded."

Many of the steepest hillsides ought to be always kept in forest, sowing the seed of a new crop when the old is cleared off. But even moderately steep hillsides will gully badly when cultivated, and especially during the winter and spring, when the surface soil has been loosened by frosts. Even if the water does not gully out channels through the soil, much of the fine, rich soil at the surface is likely to be washed or blown away. The fact that it is more difficult to keep hillsides fertile will always give the preference to level farms for cultivation if they have been well underdrained. On the other hand, the hillside makes better pasture than the level fields below it.—Cultivator.

Grain Chute and Measure.

Where the grain is stored above the cattle or horse stable it can be brought down to the first floor by a chute running directly down from the bottom of the bin or bins. Put a slide at the bottom. To be able to measure out various quantities have slides arranged at different distances above the bottom. The spaces between each one and the bottom slide holding quarts, a peck, half bushel, bushel, etc., as desired. One slide will answer for all the openings above the lower one. A bit of leather over the slots inside will keep the grain from coming out of the open slots. This device will be found a very great convenience and labor saver.

Farm Notes. Save everything that will make feed. Be careful not to let any weeds go to seed. Cut oats as soon as the straw begins to turn. Wheat can be stacked with very little curing. Cultivation can be kept up until the crop is safe. Do not let the timothy and the red top get too ripe. It is not necessary to thresh oats that are to be fed out. Plow up a good patch of nice loamy soil and sow turnips. Save all of the fruit in some way. Wasting is loss of profit. If any hay is stacked outside, let it be timothy, red top or prairie hay. At all times the more comfortable the stock are the better they will grow. If small grain of any kind is to be stored be sure that the granaries are in good condition. A little grain or bran fed to the cows daily will help materially to maintain a good milk flow. The sooner land intended to be sown to wheat is plowed the better. Plow deep and then fine the surface. If necessary at any time to water plants remember that one good soaking is worth a dozen sprinklings. When fruit cannot be marketed to good advantage, one of the best ways of saving it is to evaporate it. Plan to sell off all stock that cannot be wintered profitably. This means all that you cannot feed well and shelter comfortably. Cut oats with wheat bran makes a better feed for the work teams than corn. It is not so heating and furnishes the elements for bone and muscle

A FREE EXPOSITION.

Manufacturers' Fair to Be Held in Portland September 22 to October 2.

The exposition to be held at Portland this fall will be along new lines, differing entirely from any fair ever held in that city. This year the manufacturers of Oregon will show the people what is made in the state, and with that end in view the exhibits will consist wholly of manufactured goods made in Oregon. Another new feature this year will be that no admission will be charged. From all sides we hear the report that the fair will be the most interesting and instructive exhibition ever held in the state. One wing of the large exposition building will be devoted exclusively to live exhibits, and a great many articles will be made right there in the building. The fair is bound to be a grand success, as already the entire space of the two main floors is taken up by exhibitors, and we understand the manufacturers have the money on hand to pay all expenses.

There is no good reason why Oregon should not be more of a manufacturing state than she is, and if the people will call for goods made at home, instead of using goods of Eastern manufacture, home pay-rolls will increase in a wonderful way, making work and happy homes for all. We sincerely believe the fair will do more to enthuse the people than anything else that could be done in creating a demand for home products, and showing the necessity of patronizing home manufacturers. The Manufacturers Association of the Northwest, under whose auspices the fair will be held, deserves great credit for the work it is doing. The fair will be open from September 22 to October 2, and all railroads have made a reduced rate of one and one-fifth fare for the round trip.

Kaiser William's Number.

The figure 9 has a peculiar connection with the career of the Emperor of Germany. His majesty is the ninth king of Prussia; he was born in the 59th year of the century, entered the army in 1869, and completed his university career in 1879. The date of his birth and marriage, January 27th and February 27th, both make nine if the figures 2 and 7 are added together.

Detectives detailed to look after professional shoplifters always look to see if their suspects are wearing gloves. A "professional" it is declared, never works with his gloves on.

The longest distance that a shot has been fired is a few yards more than 15 miles, which was the range of Krupp's 180-ton steel gun, firing a shot weighing 2,600 pounds.

A German statistician says that of every 10,000 chimneys, three are struck by lightning, while of the same number of towers and windmills, 60 and 80 respectively are struck.

Stop! Women,

And consider that in addressing Mrs. Pinkham you are confiding your private ills to a woman—a woman whose experience in treating woman's diseases is greater than that of any living physician, male or female.

You can talk freely to a woman when it is revolting to relate your private troubles to a man; besides, a man does not understand, simply because he is a man.

MRS. PINKHAM'S STANDING INVITATION.

Women suffering from any form of female weakness are invited to promptly communicate with Mrs. Pinkham, at Lynn, Mass. All letters are received, opened, read, and answered by women only. A woman can freely talk of her private illness to a woman. Thus has been established the eternal confidence between Mrs. Pinkham and the women of America which has never been broken. Out of the vast volume of experience which she has to draw from, it is more than possible that she has gained the very knowledge that will help your case. She asks nothing in return except your good will, and her advice has relieved thousands. Surely any woman, rich or poor, is very foolish if she does not take advantage of this generous offer of assistance.

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Happy and Fruitful Marriage.

Every MAN who would know the GRAND TRUTHS, the Plain Facts, the Old Secrets and the New Discoveries of Medical Science applied to Married Life, who would alone for past follies, and avoid future pitfalls, should write for our wonderful little book, called "Complete Manual of Marriage and How to Attain It." No earnest man will mail one copy Entirely Free, in plain sealed cover.

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DRINK WATER ALL THE TIME. It is the best. Buy by the gallon. One in time. Sold by druggists.

Anecdotes AND Incident

The publisher of Bentley's Miscellany was telling Douglas Jerrold of the doubts he had about the name of the magazine. "I had thought once," said the publisher, "of calling it the Wits' Miscellany." "Well," rejoined Jerrold, "you needn't have gone to the other extreme."

Canon Knox-Little told a story once at a church congress of a lych-gate in front of a beautiful church, which had been restored and made very nice. There was painted over the door, "This is the Gate of Heaven," and underneath was the large notice, "Go round the other way."

A good Highland minister was endeavoring to steer a boat-load of city young ladies to a landing-place. A squall was bursting; the steering was difficult. One of the girls annoyed him by jumping up and calling anxiously, "Oh, where are we going to?" "If you do not sit down and keep still, my young lady," said the minister-pilot, succinctly, "that will verily greatly depend on how you were brought up."

A burglar in Germany, passing through a room where a boy lay in bed, explained to him that he was the devil, and having thus frightened him, as he flattered himself, into a condition of silence and immobility, went his way after the silver. But the boy, who was a religious character, presently said to himself: "If I should kill the devil there would be no more sin," and creeping to where his father's gun lay, took it and shot the burglar. He now believes that the devil is dead.

An English peer, for some offense, was called out by a politician, and promptly responded to the challenge. On arriving at home again after the duel, his lordship gave a guinea to the coachman who had driven him to and from the ground. The driver appears to have been an exceptionally honest, simple man. He was surprised by the largeness of the sum presented, and said, "My lord, I only took you to—?" "Yes, yes, I know that. But the guinea is for bringing me back."

Ellen Beach Yaw is much entertained when she is at her home in Southern California. Recently a yachting-party was made up in her honor, and a cruise was taken on the channel. Miss Yaw became seasick and took to her berth. One of her entertainers, soon afterward, went in to inquire how the guest was feeling, and heard her humming a lullaby in a most peculiar tone. "H'ah!" said her maid, "don't disturb Miss Yaw now, she is very sick." "But she is singing!" cried the visitor. "Yes, I know," answered the girl, "but Miss Yaw means in tune that way so it won't disturb anybody else."

The queen was once informed by the manager of her Shaw farm that a Scottish farmer was a breeder of superior collie dogs, and she thereupon expressed a wish to possess one of them. Accordingly, the farmer forwarded two beautiful dogs, and her majesty gave orders that the next time he came to the farm he should immediately be taken up to the castle. The farmer was somewhat uneasy as to how he should comport himself in the presence of royalty, and the manager put him through his facings. At last the fateful day arrived, and he was ushered into the presence of the queen. Her majesty shook hands with him, and said: "I have to thank you for the two beautiful collies you sent me." And to this gracious remark the farmer replied: "Tous, tous, wumman! hand yer tongue! What's the matter o' a pair o' dowgs between you and me?"

The Duke of Wellington was a great stickler for punctilio in what seemed to him the proper places. When the regiment of his son, Lord Douro, was quartered at Dover, the duke was staying at Walmer Castle, and the officers rode over and left their cards, as a matter of form. Soon after came an invitation from the Duke of Wellington inviting all the officers to dine, but ignoring his own son. When Lord Douro asked for an explanation, the duke gave it thus, with great good humor: "I make no distinctions in this service. Those gentlemen had paid me the compliment of a visit, and I invited them to dinner. You were not among them, so I omitted you in the invitation."

A Gulf line special, filled with the officers of the road on a tour of inspection, was flagged by some men working on a section near Colorado Springs. Shocked by the suddenness of the stop, all of the officers rushed to the rear platform, where the men were congregated, to learn the cause of the hold-up, each apprehensive that a wreck had occurred on the line in the vicinity. Mr. Hartwell, the paymaster, was the first to inquire of the man nearest him, a raw-boned recruit from Tipperary, who had not been in the service of the company more than a fortnight. "There's bin no accident, yer honor," said the Irishman; "I jist wanted to inquire of yez whin the paycar'll be along." There was some wiring engaged in at the next stop, and Pat's solitude for the arrival of the paycar was relieved by the prompt receipt of his pay-check.

"Too Good to Be True." "Yes," said the new arrival, "I am greatly surprised—greatly surprised, indeed. I had expected to find things very different from what they are." "Why?" exclaimed several of the girls in chorus, "don't the hotel and its surroundings look as they were pictured in the circular you received?" "They do. That's what surprises me."—Cleveland Leader.

What do divorced women do with their wedding rings?

Smokeless Furnace.

A patent has been granted for furnace doors of such construction that the smoke of the furnace is disintegrated and disseminated over the whole fire surface, and those elements which are of value are consumed and utilized. The advantages claimed for the invention, says the St. Louis Globe-Democrat, are: Superior efficiency by securing the abolition of all coal smoke and other noxious and poisonous products caused through imperfect combustion; great saving in fuel, as smaller and cheaper coal may be used; the method is cheap and can be easily applied; the doors can be fitted to any type of furnace; the invention requires no alteration of furnaces already in use beyond the removal of the existing doors and the substitution of the patent furnace door, which change can be effected in five minutes while the boiler is still at work. It is understood that the invention has already been applied to mercantile, naval and marine boilers, as well as to innumerable furnaces employed in various metal, pottery, brick and other works.

VENOM INHALED WITH THE AIL.

And imbued with the water of a malarious locality, has still a certain antidote. Experience sanctions confidence in Rostetter's Stomach Bitters as a preventive of this scourge. All over this continent and in the tropics it has proved itself a certain means of defense, and an eradicant of intermittent and remittent fevers, and other forms of miasm-born disease. Nor is it less effective for kidney troubles, constipation, rheumatism and nervousness.

Public story tellers still earn a good livelihood in Japan. In Tokio six hundred of them ply their trade, provided with a small table, a fan and a paper wrapper to illustrate and emphasize the points of their tales.

AN OPEN LETTER TO MOTHERS.

We are asserting in the courts our right to the exclusive use of the word "CASTORIA," and "PITCHER'S CASTORIA," as our Trade Mark. I, Dr. Samuel Pitcher, of Hyannis, Massachusetts, was the originator of "PITCHER'S CASTORIA," the name that has borne and does now bear the fac-simile signature of CHAS. H. FLETCHER on every wrapper. This is the original "PITCHER'S CASTORIA," which has been used in the homes of the mothers of America for over thirty years. Look carefully at the wrapper and see that it is the kind you have always bought; and has the signature of CHAS. H. FLETCHER on the wrapper. No one has authority from me to use my name except The Centaur Company of which Chas. H. Fletcher is President. March 5, 1897. SAMUEL PITCHER, M.D.

Leopard skins are used for rugs and manufactured into trappings for the officers and bandmen of the British cavalry regiments, as well as the aprons of the drummers of the English infantry.

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

The highest waterfall in the world is Choclog cascade, at Yosemite, Cal., which is 2,634 feet high, or just half a mile.

A large Dussand microphonograph, now being constructed for the Paris exhibition of 1900, is expected to make the voice heard by 10,000 people.

DEAFNESS CANNOT BE CURED

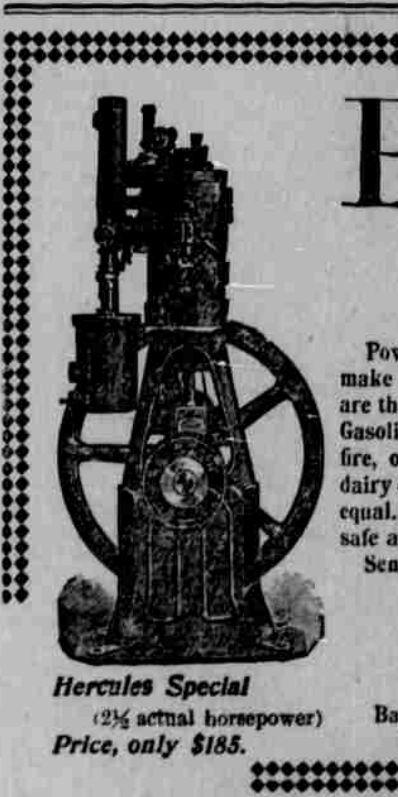
by local applications, as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian tube. When this tube gets inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; nine cases out of ten are caused by catarrh, which is nothing but an inflamed condition of the mucous surfaces.

We will give One Hundred Dollars for any case of deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Send for circulars, free. F. J. CHENEY & CO., Toledo, O. Sold by druggists, 7c.

Hall's Family Pills are the best.

Strictly a Cattle Disease.

Rinderpest being a cattle disease, Dr. Koeh has found out that it does not attack birds. He tried to inoculate hens, pigeons, guinea fowls, a crane, an eagle and a secretary bird with the bacillus of the disease, but it did not effect them. He was equally unsuccessful with dogs, mice, rabbits and guinea pigs, but is not sure that the disease may not be conveyed to cattle by any of these animals.



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At the last census of this country a number of people described their religious faith on their census papers as "dollars and cents."

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