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"AS YE SOW, SO SHALL YE REAP"

The

MODERN FARMER AND BUSY BEE.

A FRIEND OF ADVANCED AGRICULTURE AND HAPPY HOMES.

VOL. XVI. No. 4.

A Journal Devoted to the Interests of the Farm and Home.

FIFTY CENTS A YEAR.



APRIL

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Mount Shasta, California

ST. JOSEPH, MISSOURI.

1905

"If there's anything I hate its a conceited person, and that Blowley is certainly the limit."

"What makes you think him conceited."

"He told some one he knew as much as I know."—Cleveland plain Dealer.

"I," said the orator, "come of a good old stock, rooted deep in the soil"—
"The only stock I ever heard of that rooted deep in the soil," interjected a farmer in the audience, "was hogs."—
Selected.

A tramp, dirty and ragged to the last degree, called at a house on the door of which was a doctor's sign. A large, rather masculine-looking woman opened the door.

"Scuse me, lady," said the tramp, "but I jist called to ask if the doctor had any old clothes he'd let me have. You see, I'm kind o' bad off fer all kind o' clothes, an' I'd be much obleeged fer anything the doctor could let me have, an I ain't pertickler as to the fit."

The woman smiled and made reply, "I am the doctor!"

"Sufferin' Moses!" ejaculated the tramp as he made a beeline for the gate.

Names Wanted. We want names of persons everywhere, whom we want to get interested in *The Cream City Monthly*, the new Milwaukee magazine, containing bright stories, special articles, valuable information, household and fashion departments. The subscription price is 25 cents, but if you will send us the names of five friends together with Ten cents we will send you the magazine for one year. Cut this out and address

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R. J. FINLEY, Editor

Department C MACON, MO.

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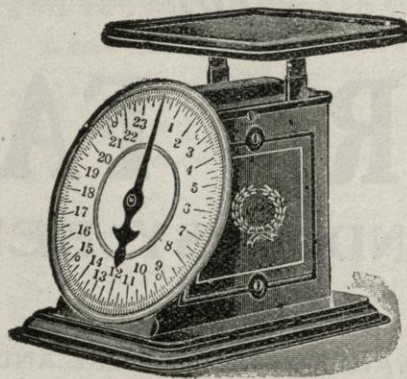
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Dept. C. Milwaukee, Wis.

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THE MODERN FARMER AND BUSY BEE

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ALL COMMUNICATIONS intended for publication must be written on one side of the sheet only, and must be accompanied by the name and address of the writer.

REMITTANCES should be made by express or postoffice money order when it is possible. If these cannot be obtained, put the money in a letter and register it. When forced to send stamps, we prefer to have one-cent stamps, and they should be folded carefully, with paper between them, so they will not stick together.

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If this paragraph is marked with a cross your time expires with the number marked, or has expired. Please let us have your renewal at as early a day as possible.

EDITORIAL.

For sale, very cheap, thirty colonies of bees. Address E. T. Abbott, St. Joseph, Mo.

* * *

He who thinks healthy thoughts has won half of the battle on any field of action.

* * *

Have you filled out that special coupon and mailed, or handed it to a friend yet? If not, do it now.

* * *

Two litters of Collie pups for sale, very fine, from registered parents. Address St. Joseph Collie Kennels, care Modern Farmer.

* * *

Did you ever notice the fact that, occasionally, the person who seems to hurry the most is making the least progress.

* * *

The man or woman who talks a constant stream, never taking a moment's time to think, is very apt to say some things which are not true.

* * *

It is real funny sometimes to see how far off the well is when a boy is sent for a pail of water, and how near by the creek is, which is three or four

miles away, when he wants to go a fishing.

* * *

Your neighbor may have a very bad dog, but this is no reason why you should let your breachy bull run loose and break into his corn field.

* * *

Remember that any old plug can trot down hill, even with a load, but it takes a strong and willing team to pull a heavy load up hill on a muddy road.

* * *

If your horse is poor, the roads bad, and the load heavy, do not forget to let him rest. If he fails to start the load at any time, remember that you cannot put strength into him by beating him over the head with a club.

* * *

If anyone tells you it does not pay to spray your fruit trees pay no attention to him, but be sure you do not spray when the tree is in bloom. It will kill the bees, and also injure your fruit crop.

* * *

Kindness is cheaper than feed, therefore mix in a little of it when you are handling your stock. If they are not made fatter by it, they will, at least, think more of you and show their appreciation in many ways.

The man who does the very best he knows how every day of his life for ten hours, six days in the week, is entitled to a little rest and recreation during the rest of the time, and should be able to close his eyes at night without much worry about the past or the future.

* * *

It may be that more corn grows in crooked furrows than grows in straight ones, but that is no reason why you should go through the world on a crooked road. Nature is built "on the square," and a man who is searching for more light on any subject should be square himself.

* * *

Never forget the fact that other people may not have as much interest in what you are trying to do as you have, and, therefore, you should not be too greatly disappointed if they do not show as much enthusiasm as you think they should about your business. They may have other things on their mind that seem of more importance to them than your business.

* * *

It does not make language any stronger to mix it with cuss words, and there are people who do not like to hear that kind of a thing. You cannot drive a two-inch pin in an inch auger hole, even though you swear at the hole, the pin, or both of them, until the air is blue. Besides so much waste of breath tends to make one tired. Better say "Moses," and let it go at that.

* * *

Do not try to cover up the vices of your own party by telling how mean somebody is in another party. If the eggs in your nest are rotten, it will not improve the flavor of them to break a lot of rotten eggs in a nest belonging to your neighbor, in order to show that they are rotten, too. Two nests of rotten eggs will not hatch a healthy brood of chickens any more than one.

* * *

The Modern Farmer now has a printing plant of its own, and we are prepared to print letter heads, note heads, sale bills, cards for weddings, and all kinds of small printing for beekeepers, farmers and others. We have a large number of cuts and can illustrate circulars and price lists for beekeepers. Send us a description of what you want and we will send you an estimate of what it will cost.

* * *

Men are very fond of saying "In union there is strength," but strength is not always a good thing. If

strength always meant right, then it would be desirable. Unfortunately, men sometimes unite to do bad things, and then strength becomes something that is not desirable, and the less union there is in this case the better it is for society. A mob is united while it lasts, but the more we have of that kind of union the worse it will be for mankind.

* * *

Your church is, no doubt, the best one for you, but that is no reason why you should consign your neighbor to the hot place because he prefers to attend another temple of worship. It may be he is just as sincere in his belief as you are in yours. You both may be wrong. This is true of all sorts of societies, one man prefers one kind and another man prefers another kind, one man prefers to go in, and another man prefers to stay out. Each is responsible to his Maker only, in or out, and we have no right to try to force a man to our way of thinking.

* * *

There are times no doubt when the farmer is in hard luck, but the man who thinks that all the troubles come to those who are engaged in rural pursuits has little idea of the real condition of things in the business world. We often say, "All is not gold

that glitters," and it is equally true that every man who wears good clothes and seems to be happy is not prospering in a business way. The farmer may lose a valuable horse or cow occasionally, but when he is complaining about these things, he should remember that many a merchant has had his fortune swept away in a single night, and sometimes in a single hour.

* * *

The rake and harrow are two tools which cannot be used too much in the cultivation of the soil, the rake in the garden and the harrow in the field. No difference where you live, plenty of shallow cultivation is sure to increase the quantity and quality of your crop. Shallow and often, is the secret of successful farm and garden cultivation, wet or dry. If you do not believe it, try it this season. The finest crop of potatoes we ever grew only had two rains on them from the time they were planted until they were matured, and they were cultivated from start to finish with a small rake. A rake, or a plow with small shovels, is worth almost its weight in gold in the garden.

* * *

There are generally two sides to a hill, and, if it is hard to climb up one side one should at least be able to get

a little fun out of going down on the other side, just as a coaster will tug and pull to get a sled to the top of the hill for the fun he has in sliding down again. Every man and woman should see to it that there are some easy places in the journey of life, but one should not expect the sun to shine all the time. In fact, it is better to have the darkness come, and all nature quiet, so we can just shut our eyes, relax, and rest. The man or woman who has learned to do this perfectly is on the road to happiness, if the goal has not already been reached.

* * *

The annual report of Editor Hill of the United States Department of Agriculture shows that during the fiscal year just closed 11,733,648 government publications have been distributed by his department. These publications cost the government thousands of dollars, and this gives only a very slight idea of what it is doing to educate and help the American farmer. It is true some of the publications are almost worthless, but many of them are very valuable, indeed, and contain information which will prove a benefit to the farmer as long as he lives if he will read them with any degree of care.

The Missouri Pacific, First to Run Corn Specials and Teach Better Agriculture to the People From a Platform in a Railroad Car.

One of our Iowa Exchanges is inclined to think that the idea of preaching the gospel of better agriculture originated in that state. We are inclined to think that there is a mistake about this. We are creditably informed that during the year 1894, as General Traveling Freight Agent, D. E. King, of the Missouri Pacific, inaugurated the plan of holding Farmers' Meetings at various points along this excellent system in the states of Missouri, Arkansas, Louisiana, and Colorado, with a view of having the people in the communities traversed by this road depart from the single crop idea and engage in diversified farming. In the month of February, 1902, the Missouri Pacific adopted the plan of carrying an exhibit along with them, using this exhibit for illustrating the lectures which were given by the professors of the Missouri College. The car contained exhibits of all kinds of farm products, and during the trip, would stop a week at points on the Missouri

Pacific, and another week in the state on the lines of the Iron Mountain. The professors from the College each delivered lectures at all points billed. In the forenoon of each day, exhibits in the car were open for inspection, and during the afternoons, and evenings, they were placed on exhibit at lecture halls, to be used by the lecturers as object lessons. During the evening exercises, stereopticon views of farm crops, live stock, etc., were used by one of the lecturers to illustrate the benefits to be derived by adopting advanced scientific methods of farming. This feature of the entertainment proved to be very attractive and instructive, and many farmers drove miles, in rough weather, to attend both afternoon and evening meetings. It would seem, according to this, that the Missouri Pacific was the first Trans-Mississippi Road to adopt this general and comprehensive plan of teaching farmers along its route the science and benefits of diversified farming. These

lectures also brought the people in closer touch with the Agricultural College.

In discussing the matter with a Missouri Pacific official, he said, "Our expectations were more than realized, and as a result, we now have a car especially fitted out with exhibits of farm products, which is in charge of a trained agriculturist and horticulturist, and he spends five or six months each year in holding meetings along our road, in Missouri, Arkansas, and Louisiana. He is billed several weeks in advance, and the results are very gratifying, indeed."

If anyone has information that is different from that given above, The Modern Farmer will be glad to receive the facts in the case, and we only desire to say that we hope the time is not far distant when every railroad in the United States will be following the example of the Missouri Pacific, and will have exhibit cars, especially equipped for this work.

A Remarkable Document.

Governor Folk Vetoes the Missouri Foul Brood Bill.

**Says it is Paternalistic, and the Bees
Should be Left to Look After Themselves.**



The Governor's Veto.

"To the Secretary of State: I have the honor herewith to transmit to you, without my approval, senate bill No. 268, entitled "An act to provide for the appointment of a state inspector of apiaries, and to regulate the duties thereof, providing a penalty for disposing of diseased honey or bees," which reached me within the ten days next before the adjournment of the general assembly.

"This act provides for the appointment of a bee inspector to look after the apiaries of the state. On the first examination, if he thinks the bees are diseased, he is to give the person in charge instructions as to the manner of treating them. Provision is also made for a second examination, and the inspector may then, if he sees fit, physic the bees himself, or if he thinks best he may destroy them.

"This measure illustrates the fallacious idea that the government can do more for the individual than the individual can do for himself. Any one intelligent enough to conduct a bee industry is certainly better qualified to attend to them and manage his own business than any state inspector could possibly be. There is no magic in the state inspectorship of bees, or anything else, to cure the ills that may exist.

"It is said this measure is asked for by the honey raisers to suppress contagious diseases among bees. But they can, by meeting together and exchanging ideas, do for themselves what the state cannot do through this bill. If altogether they are unable to cope with the situation, how can one of them, named as an inspector, do better?"

The principle of the measure is paternalistic and not in accord with the democratic theory of government. The

inspector is authorized to go to any one's home and if he should not like the way the beehives are conducted he could, for some real or imaginary disease, annihilate the whole brood, leaving the owner without remedy, but for all of which the inspector would receive four dollars a day. Any inspector appointed would be only a man, with defects just like other men. He could not have superhuman knowledge of bees or of the bee business, and could not be expected to accomplish more than the individual beekeeper could for himself. My opinion is this question would best be left to the owners of bees, and to the bees themselves, who have repeatedly demonstrated their qualities of self-reliance.

Respectfully,

JOSEPH W. FOLK, Governor.

This is a remarkable document, remarkable for what it does not contain, and the more so for what it does contain. It is also remarkable as an illustration of the general and wide spread ignorance of the real character and importance of the bee industry of the United States, and especially of the state of Missouri. We would prefer, under the circumstances, to think that it was not written by the governor of the great state of Missouri, but rather by his private secretary, who, being new at the business, was not "onto his job." To say that we read the governor's veto with chagrin and disappointment would be putting it very mildly. We can excuse the reporters even of metropolitan papers if they show an appalling lack of knowledge and fine discernment in the discussion of anything which pertains to bees or bee culture, but why the governor of a great state, who has it in his power to command the services of anyone in order that he may fully inform himself

with regard to any important industry, should find it necessary to hold up to public ridicule, the interest of an important industry is beyond our ken, and it seems to us like an insult to a class of as intelligent, law-abiding citizens, taken as a whole, as can be found in this or any other state of the union. One would have a right to conclude from the tone of this veto that the governor looked upon the beekeepers of the state as a set of ignorant, impractical dreamers, socialistic in their tendencies, and asking something which had hitherto been unheard of in the history of legislation. Perhaps it may be well to spend a moment's time in getting at the real facts of the case, to see if this bill was nothing more than a huge joke, as the governor's veto would indicate that he looked upon it largely in that light. First, beekeeping is a growing and important industry in the state of Missouri with as great possibilities as the dairy industry. The United States census places Missouri first in the production of honey and wax, but this is not correct. There are, however, thousands of dollars now invested in the industry in the state and the possibilities of development along that line are very great, indeed. Missouri honey is as fine as can be produced anywhere on this continent. The people who are engaged in this industry belong to the most intelligent class of people engaged in rural pursuits, and in addition to these are a large number of lawyers, doctors, preachers, etc., who are giving more or less attention to the industry. This idea of foul brood legislation is not a new thing in the United States, neither is it a new thing in Missouri. A bill was drafted two years ago by Ex-Judge Woodson, who was a candidate for supreme Judge on the Democratic ticket at the last election, and who is

also a practical beekeeper, and was presented, for passage by Representative Duncan of St. Joseph. It was killed, however, in the committee to which it was referred because they were ignorant of its real purport and importance. This much as to the importance of the industry. Now, as to the necessities of the bill. There is a disease among bees which affects them in the larval state which is as contagious as small-pox among people and as deadly in its effects as yellow fever or cerebro spinal meningitis. This disease is spreading rapidly in the state of Missouri, and bids fair to destroy the beekeeping industry of the state, if something is not done, and done quickly to check it. Its spread not only means thousands of dollars loss to the beekeepers of the state, but it ultimately means the destruction of our great and growing fruit industry; for the perfect fertilization of a large amount of our fruit trees depends almost absolutely upon the abundance of bees in the locality where the fruit is found. Foul brood can be held in check, and finally can be suppressed and wiped out if it is properly looked after, but this cannot be done if it is left to the bees to cure themselves, as the governor suggests; or to the ignorant handling of the ordinary farmer, who knows nothing about the disease, who does not read bee journals or agricultural papers, and whose single colony, if neglected, may spread the disease among hundreds of other colonies and rob some man and his family of a living by so doing. Evidently, the governor of the great state of Missouri was not conversant with these facts, for they are facts that can not be controverted, or else he would not have interposed his veto to cripple an important industry in order to save the state the paltry sum of \$4.00 per day and expenses. A small slice of the money wasted, yes, worse than wasted, at the St. Louis beer guzzling exposition would have paid the bee inspector along time, but as Kipling says, that is another story. Now, let us dissect this remarkable document and pick the meat off the bones of this ungainly skeleton, if there is any meat on them, and see what it all amounts to anyway. The governor says that, "The principle of this measure is paternalistic (?), and not in accord with the democratic (what kind of democratic? —Ed.) theory of government." Well, now, that must surely be a joke. Does not the state quarantine, and if needs be destroy the animals, glanders in horses, Texas fever and pleuro-pneumonia

in cattle, cholera in swine, tuberculosis in milch cows, small-pox in people, diphtheria and scarlet fever in children, and a multitude of other things which interfere with the public weal? Is this paternalism, or is it common sense? If we are rightly informed, the governor signed a bill making it unlawful for the railroads to work men more than sixteen hours a day without sleep. Also, a bill creating a number of mine inspectors. What does this mean, why cannot these things be left to regulate themselves? Why not these men get together and regulate the hours of work, as the governor suggests the beekeepers should get together and suppress foul brood? If we are correct the governor also signed a bill creating a dairy commissioner at a salary of \$2500. What is to be a part of the duty of this commissioner? It is to see that men are arrested who sell milk that tests less than three per cent butter fat, when it is a fact that a large per cent of the milk given by Holstein cows will not test three per cent the moment it is drawn from the udder. Yet, the governor is to appoint a dairy commissioner, a part of whose duty it is to arrest men for selling this natural product of healthy cows, and probably the best milk there is to be had for babes. What is this, if not paternalism? The state appropriates money every year for the use of the State Board of Agriculture. What does this board do with it? It holds farmers' institutes, publishes literature, etc. Did anyone ever think of suggesting that this is paternalism? Why not let the people hold their own institutes and publish their own literature? The state makes an annual appropriation, and very wisely, too, to the State Horticultural Society. Why not let the fruit growers help themselves? There are laws with regard to the fumigation of nursery stock. Why not let the farmers look out for themselves in this respect? Why support the state university and furnish free education to boys and girls? Why not let these people get together and furnish education for themselves? Their teachers are only "human" and they ought to be able to take care of themselves as well as these "human" teachers can take care of them. Why spend the state's money for normal schools to teach teachers? Why not let the teachers get together and teach themselves? Why build asylums, why not let the friends of the patients look out for them, and if their friends are not able to do this, send them to the poor

house? Manifestly, there can be but one answer to all of these questions. We do these things because all of the people, the state, can do some things better for individuals than individuals can do them for themselves. The man who acts for the state acts with the authority of the entire people, and while we believe that the state meddles with a great many things which is none of her business, yet we confess we can see no reason why she should take fright at an innocent foul brood law while she is doing a multitude of things which are many fold more paternalistic than any foul brood regulation could possibly be. We might go further, but there is no use, for there is surely not much meat on the paternalistic bones of this part of this remarkable skeleton. The governor says: "This measure illustrates the fallacious idea that the government can do more for the individual than the individual can do for himself." As we said before, the state is all the people, and it ought not require any argument to prove that all the people can do more than any one of them, and every sanitary law in the land is based on this idea. There is surely no meat on this part of the skeleton. The governor says: "Anyone intelligent enough to conduct a bee industry is certainly better qualified to attend to them and manage his own business than any state inspector could possibly be." Yet, we send out labor commissioners and factory inspectors in the name of the great state of Missouri, who ask all sorts of questions about the method of conducting private enterprises, and they say how the business shall be conducted and how the factory shall be equipped. Is there any paternalism about this? Is there any meat on this part of the skeleton? "Any inspector appointed," says the governor, "would be only a man, etc. He would not have any superhuman powers." The veto, itself, is a painful illustration of this fact. However, a dairy inspector, a mine inspector, a factory inspector and the state veterinarian are each and all "only men." The doctor is "only a man," why send for him? The preacher is "only a man," why listen to his message of peace on earth and good will to men, or of denunciation as the case may be? Is there any meat on this part of the skeleton? "My opinion," says the governor, "is this question would best be left to the owners of the bees, and to the bees themselves, who have repeatedly demonstrated their qualities of self-reliance." Now, the question

arises as to the facts the governor had on hands on which to base this opinion. Is his knowledge of bees confined to that class of bees which are reputed to get into people's "bonnets," or does he have some knowledge of the real bees? We fear he does not, or else he would not say in this connection that they had demonstrated their "qualities of self-reliance." To a practical and experienced beekeeper, who has had to cope with this dread and fatal, if neglected, disease in his apiary, this sounds like making fun of a man at his own funeral. Again, did the governor know

that the great states of New York, Ohio, Wisconsin, Colorado and a half dozen others had almost exact copies of this bill on their statute books, and inspectors who are looking after the interests of the beekeepers in these states? Did he know that none of the governors of these great states had taken fright and stampeded at the paternalistic side of this question? This idea, at least, we think, is original with the governor of Missouri. Now, we have canvassed the ground briefly, and with all due respect to his honor, the Governor of Missouri, for whom we voted, and whose election we advo-

cated in our columns, we are forced to say that this skeleton is as devoid of meat on its bones as a forty year old skeleton in a doctor's office. "Shall these dry bones live again?" We shall see. Thanks to our reform governor, the beekeepers of the state will have to fight their own battles for two years more, when they will be on hand again asking for this same bill, but hoping that his honor, the governor, will then have learned more of the possibilities and discouragements of their industry, and that they then may fare better at his hands.

WHAT A BOY DID WITH ANGORA GOATS.

The February "American Boy" has an instructive and interesting article, entitled, "One Boy's Success with Angora Goats." It refers to the work of Wm. J. Cohill, Hancock, Maryland. The young man, in talking of his experience, says:

"It was one day a few years ago that my father read in some paper published either at home or abroad, that Angora goats fed very well on underbrush, whereas sheep required grass. 'I wonder,' said he, 'if that would not be a good way to clear my hundred-acre tract, to prepare it for an apple orchard?' 'Get me the goats, father,' said I, 'and I will try it.' That was the beginning. I began breeding the Angoras, and they began to increase wonderfully. Our lands lay along the foot hills of the Alleghanies. Acres and acres were covered with brushwood which is hard to get rid of, but the goats got at it, nibbled away the leaves and tender branches and of course the brush died while the

goats thrived. Now I have two hundred and fifty goats, and my father has five hundred acres of reclaimed land planted with apples and other fruit, apples being one of the leading products of our section of country.

"As to profits, I need only say that while the goat is prolific and there is a good return in the sale of fine goats, there is also other income. The average goat will yield about six pounds of mohair a year, and this is worth thirty-five to forty cents a pound. This pays for the winter keep. Every goat is worth two dollars a year as a brush-clearer, for that is what labor performed as efficiently by human hands would cost. Angora meat is sweeter and juicier than lamb, and there is a market for it (not always under that name, perhaps), at any time. Then a thoroughbred Angora for breeding purposes is worth four hundred dollars, one prize-winning buck bringing me thirteen hundred dollars, though this is a rare oc-

casional even in the Angora market. The goat does not like the damp, but he does not mind the cold and he is a splendid pet. I am now branching out into another goat industry, having taken my winnings and invested them in Swiss Toggenburger goats, exhibited at the St. Louis fair, for the purpose of raising them for their milk. Goat's milk is of very fine flavor and much prized for invalids, being much richer than cow's milk, and yet easier digested. One Wasington man offered to take 250 gallons a day from me, if I could supply it, paying me one dollar a gallon. I understand that the Toggenburgers are as easily raised as the Angoras, and I am determined to try them, for they would especially suit our climate. Altogether I may say to young men of my age, if you have the room and the climate, there is a little fortune awaiting you in the goat-breeding business. I have been at it since I was ten years old and I speak from experience."

TOO MUCH SCIENCE NOT A GOOD THING.

Scientific investigators and the agricultural colleges of the land are doing a wonderful work for humanity, but there is great danger of this generation becoming a slave to phraseology. The teachers in agricultural schools are human; they are ambitious, and sometimes they, like some of the people who write government bulletins, want to create an impression, want to make a show of knowledge, an appearance of superior wisdom, with a view of having lightning strike them when the day of promotion

comes, and then they are apt to become slaves to their own theories. They juggle with words, they talk glibly of balanced rations, protein, carbo-hydrates, soil analysis, and what not, until the reader is lost and bewildered in a maze of phraseology and interrogation points. Such professors, in many cases, are, no doubt, very wise and learned, but they are either many years in advance of the age in which they live, or else they are so enamored with their own supposed superior wisdom and the jingle of

scientific phrases that they cannot condescend to use the language of common people, the ordinary everyday language of the field and farm. A very little learning, so called, sometimes makes a fool of a man or woman, but the really educated man or woman never talks or writes over the heads of his hearers or readers. Let us get all the information we can, but let us never get so much that we cannot express it in language easily understood by the toiling masses. A man who does this is a fop, if not a fool. He

may appear wise, and he may appear to be a great teacher, but he is not just the same. You had just as well blow a tin horn in their ears as to talk to people in language they cannot understand. All they hear in either case is noise. It would be well if some of our government experts, so called, and a few of our agricultural teachers (?) would stick a pin here. They may need this for future reference.

* * *

One of the most important lessons which it is possible to teach a child in early life is the orderly arrangement of things. More people fail in business from not being able to sort out the tangled threads of their work than from all other causes combined. If they are in the mercantile business, their store looks like a junk shop which has just passed through a western cyclone. If they are on a farm, it takes them longer to find their tools than it does to do the work after they are found. The place for everything is where they last used it, and they are so in the habit of jumbling things up that they cannot remember over night what they did the day before, so they are always on the hunt for tools to work with. The best time to cultivate such habits is in early childhood. Teach the children order the first thing, and it will stay with them as long as they live.

* * *

If you are prosperous do not tell everyone you meet about it; if you meet with reverses, keep it to yourself, and, as much as in you lies, try to be cheerful and happy, then you will be sure to get more out of life than those who tell all they know to other people. Of course, it is a great satisfaction sometimes to unbosom oneself to a friend, but it is best not to lose sight of the fact that a friend of this year may be the bitterest enemy of the next year. There are only a few friendships that go down with one to the end of time. Then, it is only on rare occasions that the trouble will be relieved by imparting it to another. It generally grows greater in the telling, and the fire in our spirits which bid fair to die out for lack of fuel is rekindled, and becomes more intense every time we try to unload our troubles on other shoulders, or tell them to other people. Most people have troubles enough of their own without bothering themselves about ours.

* * *

Of course, you intend to have a garden, and in some localities where The Modern Farmer circulates it is not too

late to say that there is no other place where thorough preparation of the soil will pay as well as in the garden. Everything planted in the ground will grow better, larger and more of it in a properly prepared seed bed, and some things will not grow at all if the soil is not put in the proper condition before the seeds are planted. Have the large garden plowed deep and thoroughly, and then harrow, and keep harrowing until the soil is as fine and mellow as an ash heap. For the small garden use a fork or spade, and turn the ground up as thoroughly as possible, then rake and rake, and keep raking, if you want your seed to come up quickly. However, do not work the soil when it is too wet, or it will bake and make trouble all the season. Any soil which sticks together when pressed hard in the hand is too wet to plow, and should not be disturbed until it dries out. There is never anything gained in plowing soil when it is too wet.

* * *

The Missouri Legislature after a series of performances which reminded

one of the stench of forty packing houses combined with the fumes of the infernal regions, more than it did of statesmanship, finally in a moment of sanity, elected Major William Warner of Kansas City to succeed Francis M. Cockrell. Major Warner is a republican, of course. We think he will fill the office with credit to himself and the state, but whether he will be able to do the work as acceptably as Senator Cockrell remains to be seen. He is able and clean, however, and to say the least will not sacrifice the interest of the great state which he represents for personal gain or party promotion. Senator Warner, flows smoothly, and is much easier to pronounce than a longer name, especially if that name reminds us of beer and questionable campaign funds, more than it does of senatorial timber. In the name of cleanliness and common decency, The Modern Farmer congratulates the state and nation on the happy ending of this long and disgraceful contest. The people have won once more.

About Books and Periodicals

By the Editor.

We want this department to be of permanent value to our readers. We, therefore, invite publishers to send us copies of books and periodicals of special interest to farmers. They will receive careful attention in this department. Always mention The Modern Farmer when writing to publishers about any book or periodical mentioned here.

The 14th Annual Report of the Agricultural Experiment Station of Wyoming, located at Laramie, contains some very interesting information as well as valuable data.

One of the striking features of the Review of Reviews for April is a sketch and estimate of Field Marshal Oyama, the victor of Mukden, by a Japanese writer, Adachi Kinnosuke.

Bulletin, No. 87, of the Minnesota Station at St. Anthony Park, treats of Potatoes, and it will be found timely and suggestive, as will also Bulletin No. 88 of the same station on "Injurious Insects of 1904."

Seasonable and springlike from cover to cover is the April Housekeeper. In addition to a wealth of fiction, verses and beautiful illustrations there are numerous articles covering the various phases of Eastertide.

"Inspiration," is the title of a new 25 cent magazine published at Des Moines, Iowa, which seems to carry a good deal of what is suggested in its name within its covers, and we bespeak for it a hearty reception.

Those who are investigating psychic research, auto-suggestion, mental methods of healing, drugless systems of

hygiene, and the power of thought to influence environment, will be interested in the April issue of Suggestion, (Chicago) a magazine of the New Psychology for thinkers.

"Hooligan in Politics," "Frenzied Finance," "Hell at Port Arzur," and "The Beef Trust," are some of the things which the April number of Everybody's attempts to throw more light on. These with a number of short stories, "With the Procession," etc., etc., make this one of the best numbers of this enterprising monthly we have ever read.

"Recreation," published by William F. Annis, 23 West 24th St., New York, and edited by Dan Beard, is a magazine of outdoor life, and cannot fail to interest those who like to hunt, fish, boat-ride, or do anything else that brings them in close touch with the outdoor world. It is beautifully illustrated, and costs \$1.00 per year, or 10 cents a number at any news stand.

The cover of the Designer for April shows a pretty girl holding conversation with a pert Easter rabbit. Three handsome full pages in color are given, and the fashions and millinery are in perfect accord with the spring season. A special article is on seashore costumes for ladies and young folks.

"The Millinery Lesson" tells how to make the new and picturesque "Envelope Hat."

No more attractive number among the April magazines of its class, and none equaling it in the appeal which it makes to the better thought of woman, has appeared than the current issue of "The Twentieth Century Home." Both in illustrative features and in text it is of marked excellence and the selection of its contents has been made with a regard to seasonableness which renders the number of special value.

The up-to-date farmer will find the April "Cosmopolitan" especially suited to his needs, for two of the articles have deep concern with his life and interests. Prof. L. H. Bailey, Director of the College of Agriculture, Cornell University, contributes a most instructive and practical paper on the Rotation of Crops, and Alfred Henry Lewis describes the workings of the Harvester Trust and the injury it is working the agricultural element of our population.

We have received a newly gotten up and very valuable pamphlet on "Baby Nuclei" from the Swatmore Apiaries, Swatmore, Pa. The price of this pamphlet is 25 cents, we believe, and it will be found worth many times more than that to those who rear queens for the market. It should be read by every man and woman who wants to keep abreast of the times as to what is being done in this rapidly growing industry.

Number 3 of the new publication, "The Garden Magazine," gives evidence that this, like all publications sent out by Doubleday, Page & Co., is destined to stand at the head of its class in mechanical make up, as well as literary excellence. The contents is very sensible, indeed, and one who tends the garden, whether it be large or small, cannot fail to derive great benefit from reading the April issue. It may be had at any news stand for 10 cents, or of the publishers for \$1.00 per year.

The April "Pearson's" is a hummer, and they have knocked all of the Indians off of the cover, as we said we hoped they would do sometime ago. Now, they promise us a brand new cover for May, but we want to say that the April cover is no slouch. It gives one a sort of restful feeling to look at it, and makes him feel there is something good on the inside. Do our readers realize what a splendid magazine this is, and what liberal clubbing offers we are making with it? If so, look them up and send in your subscription before they are withdrawn.

The Woman's Home Companion for April is the Easter number, and well befits the season. A leading article, "Most Picturesque of Easter Celebrations," describes an Easter in Jerusalem. The second in the series of articles on food-adulteration comes close home in relating "How the Baby Pays

the Tax." The fiction is unusually good. "Nature Study," Mrs. Sangster's helpful talk, Mrs. Richardson's practical advice to "The Girl Who Earns Her Own Living," and other regular departments, are as full of interest as ever. Published by The Crowell Publishing Company, Springfield, Ohio, one dollar a year, ten cents a copy.

"The A B C of Bee Culture," a cyclopedia of everything pertaining to the care of the honey bee by A. I. Root and E. R. Root. The A. I. Root Co., Medina, Ohio, publishers. 500 pages. Cloth bound. Price \$1.20.

This 1905 edition has been revised and almost entirely rewritten by E. R. Root. It is very elaborately illustrated and the wonder is how so large a book can be sold for so small an amount of money. While it contains some things which we would gladly eliminate and other things which the writer cannot fully endorse, yet we have no hesitancy in saying that in its revised form this work contains a number of things not found in any other publication, and is on the whole one of the most valuable bee books published. As a book of reference it should be found in the library of every modern beekeeper, let him possess ever so many other books. It is not a book to read, as it is arranged like an encyclopedia and other books are better for reading, but one should have it at hand to look up things the same as he does words in a dictionary.

"The Poultry Book," by Harrison Weir. Parts 14 and 15. Doubleday, Page & Co., publishers, New York City. Price 60 cents per part. net.

This masterly work is rapidly nearing completion, as there are only three more parts and then the series will be complete. This is a monumental work of which every poultryman has cause to be proud, and is beyond doubt the greatest publication ever written about the poultry industry. With this series of books in hand, the latest edition of the "Standard of Perfection" and a good poultry paper like "Poultry" one will not need anything more in a line of printed matter in order to know all that can be learned about the poultry industry. Part 14 treats of "The Ancona" by Weir, "The Minorca," by Andruss, "The Andalusian," by Weir, "The White Faced Black Spanish," by McGrew and "The Polish," by Card. Part 15 treats of "The Hamburg," by Eldredge, "Red Caps," by Johnson, "The Houdan" by Peterson, "The 'Faveroles'" by the Editor and "The French Breeds" also, by the Editor.

The two numbers contain the usual amount of fine illustrations and full page colored pictures.

"The Cereals in America," by Thomas F. Hunt, professor of Agronomy in Cornell University. Published by Orange Judd Co., New York City. About 500 pages illustrated with 100 new and original drawings. Handsomely printed with new type with copious foot notes, etc. Bound in cloth. Price \$1.75.

This is primarily a text book on agronomy, but is equally as useful to the

farmer as to the teacher or student. It is written by an author than whom no one is better qualified. The subject matter includes an accurate, comprehensive and succinct treatise of the cereals—wheat, maize, oats, barley, rye, rice, sorghum, Kafir corn and buck-wheat, as related particularly to American conditions. Where germane to the subject, however, results of foreign experience are stated. The author has made a comprehensive study of the topics treated, drawing freely from the publications of the Office of Experiment Stations, American Experiment Stations and recognized journals related to agriculture.

This work is to the Cereals what Henry's Feeds and Feeding is to that subject.

In the April Delineator is given the opening paper of a series, called "The Rights of the Child," which, it is announced, will discuss the proper care of children in all its phases, from the earliest stages of infancy until constant attention is no longer required. The articles are contributed by Dr. Grace Peckham Murray, a physician of note. The first paper is entitled "The Coming of the Child," and is strikingly illustrated. The following paragraph seems particularly worth repeating:

"The mother can do much to influence the appearance and the mental and moral status of the unborn. This has been proven over and over again. The prospective mother should think beautiful thoughts, should surround herself with lovely pictures; her heart should warm with gladness and joyful anticipations. To indulge in anger, grief, fear, anxiety, to treasure rebellious thoughts against existing conditions, is to rob the coming child of a proper birthright, and is a form of selfishness, whose record will be written upon a human being. Often the physique shows these pre-natal impressions in plainness of feature, lack of vitality, or hidden deeper in the recesses of the brain are contrary impulses and thoughts, which will develop with the growth of the child, to bring sorrow and reproach upon the parents later in life.

"Webster's New Standard Dictionary of the English Language" compiled by E. T. Roe. Published by Lord & Lee, Chicago. Bound in full leather and half leather. Thumb index. Price \$2.50, leather; \$1.50, half leather. 762 pages. 900 illustrations.

It is rarely one picks up a book which contains as much information as does this publication in the 762 pages of which it is composed. In addition to the dictionary proper which is full enough to meet the requirements of any ordinary reader, it contains a great deal of encyclopedic information and has a dictionary of biography, geography, biblical and classical names, musical terms, foreign phrases, proof reading, synonyms, etc. It is not large and unwieldy and can be easily held in one hand so that the student who has access to a large dictionary will find it very convenient to have a copy of this dictionary on his

table, for many times, perhaps in a majority of cases, he will find all he wants to know without looking any farther. At least this has been the writer's experience. We think there should be a copy of the latest edition of Webster's International Dictionary in every family where there are children growing up, but those who do not feel that they can spare the \$10.00 for such a dictionary will never have cause to regret it if they invest \$1.50 in this dictionary, or \$2.50 for one bound in full leather. We are in some doubt as to the propriety of this being called "Webster's Dictionary" as another firm lays claim to the use of this name, but let this be as it may, there can be no question but what this work brings to the student in condensed form a vast deal of information, some of which cannot be found in the large dictionaries, which cost several times over what this one does.

The "Country Home," by E. P. Powell, Vol. I, of the Country Home Series, McClure, Phillips & Co., N. Y., publishers. About 400 pages. Cloth. Price \$1.50.

The writer can well remember when there were very few books treating of country life, either from a practical or theoretical point of view, but today there are scores of them and new ones are being written almost every day. This is a hopeful sign, for, while some of these books are almost worthless, most of them furnish a deal of helpful and useful information, and all of them give evidence of the growing interest of every class of people in the

country and all that pertains to rural pursuits. This book was written by a minister, who lost his health in Chicago, and was forced to seek renewed strength and energy in rural pursuits. He settled on a small place in Clinton, N. Y., and by careful and intelligent management he has regained his health, built for himself and family a profitable home, and secured a competency in old age. The book is a result, therefore, of his own experience as well as a history of what he has been able to do along these lines. It covers a wide field and touches briefly on almost every phase of farm life. It contains seventeen chapters, in which will be found a deal of practical information, as well as bits of history, interesting sketches, and vivid descriptions of real scenes, all of which has a moral uplift about it, and makes one feel that he is the better for having read it. The writer seems to us to be a little visionary and impracticable at times, but notwithstanding this, we feel sure that anyone cannot read this book without gathering hints and suggestions that will prove of great practical utility in every branch of farm life and home building. The flower garden, the kitchen garden, the lawn, orchard and the general work of the farm are all treated in an interesting and practical way. The paper and binding are excellent and the general make up of the book is strictly modern. The worst blemish it has is the lack of an index, which in these times should be considered an essential part of every publication which makes any pretensions to completeness.

Boy Blue came home one day last week. He is working in an adjoining county. With him came the son of his employer. It was a little past meal-time and I stepped briskly about on the hard wood floor. Suddenly the sitting room door was opened and Boy Blue inquired "Mother, what are you walking around in? You are making as much noise as you would with wooden shoes on." I explained briefly my shoes were new and a trifle heavy. Our guest asked, "where did you get them Mrs. H?" I tried all over the city and failed to find such a pair for my mother." I call for boys shoes the size I wear," said I. It saves time putting on rubbers every time I step out of doors in spring when it is sloppy. They are a little heavy but with thick soled shoes on my feet are always dry and warm. Consequently I never have a cold or headache. When I almost have to live out of doors with the poultry, I wear boy's stockings too.

HAT HITHARD.

A new invention is a bread-making machine, with which the process may be carried on from start to finish without the touch of human hands. It looks as though the time may come when an up-to-date kitchen will be equipped with some kind of motor power to run the dish washing machine, the clothes washing machine, the bread machine, the patent churn, and the Lord only knows how many other devices; and the main business of the housewife will be to turn screws and pull levers and watch to see that everything is running smoothly. This may be a solution to the hired girl problem. With a darning machine and a compressed air contrivance for cleaning carpets and walls, the housekeeper needs only a machine to make the beds, patch the boys' pants and put the baby to sleep to make her life one grand, sweet song.

THE FARMER'S HOME.

EMMA INGOLDSBY ABBOTT, Editor

A happy and prosperous home means a happy and prosperous country.

Duty.

She wore her duty as a crown,
And in her passing up and down
One came who laughed to see her wear
Such trifle with so grand an air.

She took it off. "One cannot be
A laughingstock for such as he."
Behold, her feet, once swift to go,
Move now reluctantly and slow.

She walks a prisoner, looking down
At that which binds her limbs in pain,
Who wears not duty as a crown
Must drag it as a chain.

—Good Housekeeping.

When hot grease is spilled on the floor or kitchen table, pour cold water on at once, so it can be scraped up before it sinks into the wood.

A good carpet stretcher is a great labor saver, but in the absence of this a writer in the Designer recommends a pair of heavy rubber boots on the feet. A stout man in them would be an improvement.

A zinc top for the kitchen table saves scrubbing, and is more durable than oilcloth. There are tables at the furniture stores made in this way, but they are rather expensive. A sheet of zinc nailed on the old table will answer

as well. An occasional rubbing with a cloth wet with kerosene will keep it bright and clean.

A small live toad in the pantry or closet that is infested with ants is a unique remedy for these pests, but one woman declares that master (or mistress) toad will soon clean them out. It is a case of handsome is that handsome does with these warty-backed little animals. They are both useful and harmless, and there is no reason for the common aversion to them except their repulsive appearance. The notion that handling them will cause warts is pure nonsense.

When the family is small one has to study to avoid sameness in food. A large cake recipe, for instance, can be made into two or three varieties of cakes. Part of the batter can be baked in two layer cake tins, each layer cut in half, spread with jelly and piled up, making a four layer cake; another part of the batter can be baked in a small pan covered with chocolate frosting; another part may be baked in a small pan and left plain, or a handful of raisins stirred in. In this way one will have three cakes quite different from each other.

Babies Cry for Milk and Get Poison.

The babies of the land are crying for milk, and most of them are getting—what?

Within ten days I have received one hundred and fifty newspaper clippings. Thirty are about the Pure-Food Bill now before Congress; twenty are miscellaneous, and one hundred—Poisoned Milk! ! !

Milk is the keystone to the arch of the pure-food crusade. It is the life-blood of the nation, and by the sardonic logic of destiny is made the main channel through which the poisoners, for gain, are attacking the vitality of the race. Preposterous that out of one hundred and fifty articles on food-adulteration, one hundred should be on milk-poisoning, that this appalling preponderance of our capital crime should be committed against the babies. I say our, because there is not a mother's son of us who can vote or influence a vote who is guiltless. We are either actually engaged in the business of cheating the babies or are betraying them to the cheat.—From "How the Baby Pays the Tax" in the April Woman's Home Companion.

THE FARM IN GENERAL

E. J. WATERSTRIPE, Editor.

All the warmth of the body must come from the food, and no animal can grow or fatten except on the food left over from that required for bodily warmth. Shelter is equivalent to food in that respect, and the more comfortable the stock the lower the cost, and the greater the gain in proportion to the food consumed.

Provide good water for house use, and especially for drinking purposes. This is often overlooked and afterwards when sickness comes in the family, they do not know what caused it, when many times the only cause is the water. We have a bad case of sickness in this neighborhood now, the cause of which is only the bad water drank the past season. It pays to have good water at any expense.

Begin studying how you are going to farm this year. To be sure you are going to improve on the past years, but what crops are you intending to sow and plant? and in which field? Study this out now and have the seed ready. Will you try any new kinds of crops for your neighborhood? Be an experimenter, but go slow on new things until you know they will grow, and thrive in your vicinity.

The success of a young sow with her first litter has much to do with her future; consequently it is very important that all the conditions within the owner's control be made favorable to her. She should be kept in a good, thrifty condition during gestation, and be bred to farrow after grass and clover have made a good start to grow in the spring, as a supply of succulent food will aid materially in enabling her to supply her pigs with plenty of milk.

Do the rabbits bother your young fruit trees these days? If so waste no time in fighting them. Do not bother with rags or straw. I have learned a better way, one more easy and simple and just as effective. Make a pail of whitewash and add a little coal tar, and if too thin add a few ashes and paint the trees with this, and the rabbits will not bother. This will probably have to be applied about twice a year.

During the busy, hard working season which is close at hand, the horse should have the best of care in every way. We know that there will be many horses that will not get it, but will be pushed as hard as the owner can without taking any thought of them. The horse is not a piece of machinery which will go as long as pushed, as it seems some people think. The horse needs the best of care and should be worked with common sense. If the owner has any common sense the horse will do enough for him.

Practice rotation as often as possible. This is what keeps up the land,

at least it plays a good part in it. In how many of the fields of your farm can you change the crops. Figure it up now and see. Do not run the land to corn year after year, but change to oats this year and then if you must have more corn, change back next year. This will pay you better each year and will pay you better in the end. Every man is after pay, and nothing pays so well as keeping up the land, and rotation and manure will do it. Think now and see if you cannot plan your crops better than last year. Improve.

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Every bottle of Caustic Balsam sold is Warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address

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Dry Goods Company

A STORE FULL

OF CHOICE new Spring and Easter merchandise greets the throng of April shoppers at Townsend & Wyatt's. Extraordinary preparations have been made for what promises to be the biggest season's business in the history of the store. Visit every floor and every department today and avail yourselves of our superior assortment of newest styles at lowest prices. Many special bargains throughout the store.



5th and Felix Sts.

St. Joseph, Mo.

Publisher's Department.

We are willing to do all we can to make the ads of our patrons attractive, but no free "readers" will be given to anyone.

We have no editorial opinions for sale at any price.

All reading notices will be placed on this page, or the ones immediately following.

All advertising must be paid in advance when satisfactory references are not furnished, and then collections will be made monthly, and all bills are due as soon as a copy of the paper containing the ad is received. Send references when you send your ad and save time. We want them to protect our readers as well as ourselves. If you do not pay your bills promptly, we do not want your patronage.

ADVERTISING RATES.

(Advertisements measured by agate line. 14 lines to the inch.)

Less than 14 lines, one inch, 10 cents per line each insertion. No ad taken for less than 25 cents.

14 to 24 lines	7½ cents a line
112 lines and over.....	6½ cents a line
168 lines and over.....	6 cents a line
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SOME KIND WORDS.

Writing under date of February 23, Mrs. P. B. of Wisconsin, says: "So far my bees have wintered beautifully. They are very patriotic, they came out in full force yesterday, the first flight they have had since the middle of November. We have had a very severe winter here with very deep snow. I appreciate the good things in your excellent paper very much."

Joshua Grimes of Stewartville, Mo., says: "I have taken your paper for four years and am proud to say I have been much benefited by its useful information."

I. D. Flory of Nevada, says: "I appreciate your club offers which you make from time to time and I do not see how you can give us such valuable offers. Our bees are wintering nicely. I closed down over 700 colonies last fall. So far, nearly all of them are all right. I always lose a few, which I soon make back again when swarming time comes."

A. E. Patton of Missouri, writes: "The Modern Farmer is certainly a clean, up-to-date farm paper. Its department devoted to bees is worth the price of the paper to me. I think the lessons that commenced with the year will be very interesting as well as instructive to beginners like me. I wish The Modern Farmer a prosperous year."

D. C. McLeod of Illinois, writes under date of February 27th: "The bees have been having a nice flight on 23rd, 24th and 25th. They all came through the winter and cleaned house nicely. No loss so far. I winter on summer stands between seventy and eighty colonies."

H. Follitt of Ontario, Canada, writes as follows: "Can you tell me through the columns of your paper the best

way to manage bees to keep them from swarming and what time of year would be best to attend them? I keep about one hundred colonies. I live about one hundred miles north from Buffalo, N. Y. Bees do very well here. The one difficulty is they increase too rapidly." About the only way to prevent bees from swarming is to give them plenty of room early in the season. The time to put on the supers, with this end in view, is as soon as it is warm enough so there is no danger of chilling the brood. We will have more to say on this subject a little later.—Ed.

Henry L. Hager of Kansas, writes: "I like The Modern Farmer very well, I could not suggest any improvement. I am a farmer and stock raiser and a beginner in beekeeping."

S. H. Ramey of Kentucky, writes: "I am a subscriber to four farm papers, but there is not any of them I love as

well as I do The Modern Farmer. I have seen several farm papers, but I have not seen one yet that is as clear of trash, as instructive, as pure, as truthful as The Modern Farmer."

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ad that tends to cast a shadow over human life. We are trying to preach the gospel of helpfulness and good cheer, and we ask our readers to help us, and, at the same time, help others. Every reader, no doubt, knows some one that he would like to have read the Modern Farmer, and we ask that he or she cut out the coupon found below, writing his or her name on it, with address, so we can know whom we are to thank for a new subscriber, and hand it to a friend, or mail it to them, at once. By so doing, they will help the friend, and help us, too.

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BEEKEEPING ON THE FARM.

BY THE EDITOR.

Editor Root, in speaking of Mr. Powder's method of heating honey to liquify it, says, "Today we even go further and heat the bottles in a bath of hot air, so to speak, without using any water at all. The honey may be liquified without even disturbing the labels or corks." We have been doing this nearly 20 years, and we are inclined to think that Editor Root got this hint from us, and not from Mr. Powder.

Colman's Rural World, says: "Honey fed back to secure the completion of unfinished sections does not give satisfactory results. The honey thus secured is poor in color, it is off in flavor, it begins to candy early in the fall and soon becomes solid."

The first part of the paragraph is no doubt correct, but we are at a loss to know where they got the rest of the information. Honey fed back will have the same flavor it had before it was fed, if its flavor is not spoiled in heating, or in some other way. Neither will it candy in the comb, unless it be the kind of honey which will candy anyway. Feeding it back will not make it candy. Whoever wrote this, no doubt, got his wires crossed, because he knew more about some other things than he did practical beekeeping. Moral—Get your bee information from practical bee writers, and not from literary hacks, or professional paragraphers.

A quotation from a foreign journal, by Dr. Miller in Gleanings, says: "The administration of railways of Alsace-Lorraine urges its employes to engage in beekeeping, engages to aid them in starting, and will sow seeds of honey-plants along its lines." Here is another way by which the railroads of the United States could aid people who are engaged in rural pursuits. Sweet clover sown all along the right of way of a railroad would not be any more in the way than are the weeds which grow along most railroads now. It would add materially to the annual honey crop of any state, if all of this uncultivated land should be sown to sweet clover. It would not be a bad idea for beekeepers who live near railroads to take it up with the agents, and get permission to sow seed along the sides of the tracks. They could well afford to furnish the seed, to get the plant started.

Alonzo Murphy, a farmer living near Pochuck, N. Y., while digging a ditch through some black dirt on his farm last week, came across a trunk of a tree about four feet below the surface. The trunk was in a fine state of preservation. The log was about two feet in diameter and hollow. In the hollow space Mr. Murphy found a large quantity of honey, which was in a good state of preservation, as was the tree trunk. There was enough of it to sup-

ply himself and the neighbors for the winter. Prof. E. J. Ferguson says the honey has been made over 9,000 years. He arrives at this conclusion by basing his estimate on the depth of the deposit of soil over the log.—Exchange.

Who is Prof. Ferguson, and how did he find out that it would take 9,000 years to put that much dirt on a log? It might have been in the track of a stream that would have covered it that deep in two hours, or in a day, at least. This, like other widely circulated stories, grew out of some reporter's over-fertile brain, and that is probably the nearest it ever came to having any dirt on it, if such a log was ever found at all.

Dr. Miller, in speaking of wintering in Gleanings, says: "Honey contains elements for building up tissue that are not contained in sugar." How could it? Cannot the bees "digest" it according to Prof. Cook? He says he

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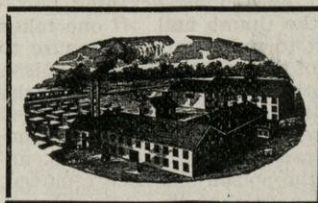
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GUS DITTMER,
AUGUSTA, WIS.

fed sugar to bees, and they made honey (?) that some experts could not detect the difference between it and honey made from the nectar of flowers. If "experts" cannot detect these "elements" not found in sugar syrup, how are the bees to do it, pray tell? How these great lights do seem to get their wires crossed sometimes! Is it not just possible that there are some "elements" in nectar honey that are not found in sugar syrup of any kind, no difference how often it has been stored in the combs by the bees? We are quite sure that

there are, and, is it not possible that there are no elements lacking in sugar which grown bees need to winter on successfully? We are also quite sure of this. Sugar syrup is not honey, and cannot be made into honey by the bees nor any one else, but it does not follow that bees must have honey in order to come through the winter strong and healthy. We have wintered colonies on sugar without a drop of honey, and we could not see but what they did as well, if not better, than colonies which had plenty of honey.

Lessons For the Beginner in Beekeeping, No. 4.

When we closed our last lesson we had just finished discussing some of the most interesting things which are attached to the thorax, the second division of the bee. The third division of the bee is called the abdomen. There are not very many things in connection with it which it is necessary for us to say much about, but there is one thing which should not be overlooked by the beginner. We refer to the wax pockets which are found on the lower part of the abdomen. In early times a great many people supposed that wax was gathered by the bees or made from the pollen which they get from the flowers. There are some who have this idea yet. Wax, however, is secreted by the bee just as milk is secreted by the cow. There are glands inside of the body underneath the pockets that secrete wax in a liquid form the same as milk is secreted in a cow's udder. The liquid then passes through the bees on to the wax pockets where it hardens into little scales. The bee then takes hold of these little flakes with her legs, passes them forward to the mouth where they are softened and worked over and prepared ready for the comb building. This cell or comb building, contrary to the idea of some people is not done in a systematic way, each bee placing herself at a given point, working alone on a cell until she has completed it. A great many bees work at the cell before it is finished, but when it is finished it is fitted up in the best possible shape to fulfil the end for which it is made. Out of what seems a careless and chaotic method of procedure comes perfect harmony and completeness. In order to secrete wax a bee must consume honey just as a cow must eat grain to make milk, and here lies the value of comb foundation, about which we will have more to say further on. Authorities differ as to the quantity of honey a bee must consume in order to secrete a pound of wax. Some say 20, some say 15, and others go as low as 10 pounds. We are probably safe in saying 15. So reckoning the honey at the very low price of 10 cents per pound, every pound of the wax made by the bees costs \$1.50, to say nothing about the time lost in secreting it. Here is information of great practical utility to the beginner, for it enables him to say

whether or not it will pay to use comb foundation. It is very plain from what we have already said that foundation at \$1.00 a pound could be used to advantage rather than to let the bees secrete their own wax and build their combs.

There is one more organ found in connection with this part of the bee which is generally of more interest to the beginner than it is to the practical beekeeper. The experienced beekeeper soon comes to pay but little attention to stings but the beginner is generally in mortal dread of being stung. The stinger is a sort of double spear, one working in the other. These spears are attached to strong muscles and the bee first sends one down and then the other until she has driven the spears in as far as they will go, then to aggravate the matter she ejects a small portion of formic acid into the wound and keeps it up as long as the stinger remains in the flesh. In fact, this pumping process goes on even after the bee has lost her stinger and flew away, so that the best way to treat the stinger when it is in the flesh is to remove it by a quick scraping movement of the thumb nail. If one takes hold of it to pull it out he is sure to press all of the poison out of the poison sack and thus increase and prolong the pain. If the stinger is left in the flesh and not removed the muscles will continue to press on the poison sack until all of the poison has been removed, so that the quicker the stinger is removed the less pain one is likely to suffer. In handling bees it should be remembered that her stinger is her weapon of defense, and as she generally dies after her stinger is left sticking in one's flesh, she only stings when she is frightened or hurt in some way. This is the reason why the experienced beekeeper is not often stung, he has learned how to handle the bee and not irritate her. Then, if he is stung often he becomes accustomed to it and pays but little attention to it. After one is stung several times the poison does not have the same effect it does at first. A great many people are inclined to think there is some magic in handling bees and that they like some people better than others. Now, this is a mistake, as they will treat all people alike if all people act alike to them. This being true, the only secret

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there is in taming bees as some people call it, is to learn how to handle them, and any man or woman of ordinary intelligence can do this if they set about it with full determination to master every branch of the subject. The drone can make a great deal of noise, but he does not have any stinger, so there is no occasion to be afraid of him, as he can be handled without any danger of injury. The queen has a stinger but she rarely ever uses it except in a fight with another queen. As we are crowded for space in this issue, we will not take up the internal organs of the bee until the next lesson. In the meantime, we hope our readers will study the previous lessons carefully as they contain a number of suggestions which are of vital importance to those who want to make a success of beekeeping.

FEEDING BEES SUGAR TO MAKE HONEY.

Editor Hutchinson of the Review opened this question and then for reasons best known to him refused to publish the article found below. It was then forwarded to us. We trust that friend Hutchinson has seen the error of his way. It does seem a little funny however, for a society that is set for the defense of pure honey to elect a secretary who thinks that bees can make honey out of sugar syrup.

The two articles which follow will explain themselves:

Sugar Syrup.

Editor Modern Farmer:

I am pleased with the stand you take with reference to so called "honey" from sugar. While Mr. Hutchinson and I are good friends and I value his paper highly I cannot but condemn the stand he and others take in this matter, viz: That bees can make honey from the product of a sugar barrel.

Perhaps the most disastrous thing to the beekeeping world is the wide spread suspicion of the purity of honey. People can buy syrup anywhere and anytime they say, but when they buy and pay for honey they want honey—that is the nectar of flowers gathered and stored by the bees. As I say, the opinion is wide spread and strong that that is not the nature and source of much that is sold as honey. Very well, along come authorities like the Beekeepers' Review. Prof. Cook, etc., with the assertion repeated and insisted that syrup from a sugar barrel is converted by bees into honey and ninety-nine out of one hundred prospective honey buyers turn in disgust and say that is all they want to see or hear of honey.

If the honey business is to be maintained at all the line must be drawn distinctly between what is honey and what is not honey. It all depends on the definition as all terms must depend on a definition to determine their accurate use. To extend the definition to include sweet from any other source than the nectar glands of plants can only be disastrous to the honey industry. Of course what we should exclude especially is sugar syrup, or anything else fed to the bees. I have

written to this effect to Mr. Hutchinson, but wish also to commend the outspoken stand you have taken in the matter.

Yours truly,
MORLEY PETTIT.

THE DEFINITION OF HONEY.

In the stand which Doctor Wiley, of the United States Department of Chemistry, has taken upon the definition of honey he has more than made up for any harm he has done with his scientific pleasantry. In my estimation the ones who have taken the stand that honey may be produced from sugar, and who have again brought the entire question to the front, these men threaten to undermine the very foundations of beekeeping and the beekeeping industry and do it far more harm than the men who made the just outcry against Dr. Wiley. Nor is, in my estimation, the argument favoring honey dew well taken. I have yet

to see the honey dew which has not the effect of causing a strong dislike for it as more is consumed, the longer the taste lingers the more it is disliked. Should there be a honey dew, which I have never seen, which cannot be to

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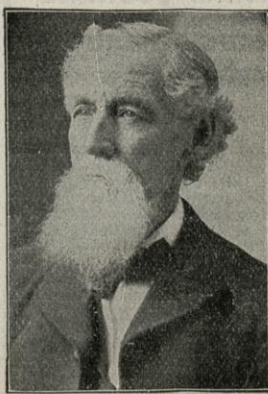
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from good honey, why there cannot arise any legal question; but why change the definition of honey to suit such a case. The argument would be equally strong to call the juice of fruit stored by the bees honey. I would not care to indorse all Mr. Abbott writes, but the editorial which you quote in the Review I can fully endorse. The editor and owner of a paper has a right to put into his paper what he likes, he can put religion, gardening, what will be of benefit to beekeeping or what will ruin it—that is his business. The only part the subscriber can play in the game when it comes to a final issue is to withdraw his patronage and so all he can to induce others to do the same. I value the Review; it has been worth for the practical beekeeper as much as some other papers of the same class which has given its readers more matter, but in my estimation, to advocate that honey can have its source from other than blossoms is to more than destroy all the good work it has ever done or ever can do. After Hutchinson has had his say he shuts off others. Let us remember that it is a distortion of facts and in my estimation a gross slander to say that leading scientists say sugar syrup fed to bees is honey. Doctor Wiley says not. So does Mr. Thos. Wm. Cowan—Prof. Cook is not a leading scientist.

R. F. Holtermann.
Brantford, Canada.

Arthur Miller, in referring to an editorial which appeared in Gleanings, quotes from a former editorial as follows: "Leaving the old queen to lay right along up to within a few hours of the time when the new queen is to be released," and asks, "Why waste these hours?" It is not necessary to waste any hours, or even minutes. Never remove the old queen until you are ready to release the new one, and then, fix the cage so the bees can release her in a few minutes. Cover up the hive and let them alone, and the queen will be out on the comb and laying in a very short time, if she has been caged on the colony for a day or two. You can put a dozen queens in cages on a colony, if you wish, and let one out at a time, until they have all been released, provided the queen in the hive is removed before the next queen is released. This is the way we used to keep queens sent from the South. We always sold or shipped the one on the combs, and let another one out at once. The colony then was never queenless, and the customer got a queen which was not weakened by being caged too long. We want to emphasize the fact that there is as much in getting the queen acquainted with the bees as there is in getting the bees acquainted with the queen, and the success, or failure, depends as much on how the queen acts as it does on anything else, whether it be the scent which she has acquired, which is the same as that of the bees, or something else. We think it is both. Acquaintance with bees is pretty much the same as it is with people. When they know each other real well, they are not apt to be alarmed, or afraid.

INVESTIGATION OF BEE DISEASES.

Washington, D. C.

Editor Modern Farmer:

An investigation of contagious bee diseases, such as bee paralysis, foul brood, black brood, etc., is about to be undertaken at this Department, and material from infected colonies is desired. Counting upon the hearty co-operation of all bee keepers who can aid in this work, you are requested, if you know where such material is obtainable, to communicate this fact to the undersigned, using therefor the inclosed franked envelope, which requires no postage. Such information will be regarded as strictly confidential.

Kindly state the chief symptoms, time of appearance, etc., as well as the extent of damage done by any disease of an apparently contagious nature which you have noted, either in your own apiary or in any part of the country with which you are familiar.

The necessary franks and full instructions for the safe packing and free transportation of such material as it may seem advisable to have sent, will be forwarded with the definite request for the same.

Whenever the existence of a contagious disease among bees is known to any person, a report as to the location, nature, and extent of the attack is greatly to be desired by this Bureau, even though additional material for the investigation may not be needed. Very respectfully,

FRANK BENTON,
In Charge of Apiculture.

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It is a waste of food to keep young roosters after they weigh five pounds per pair, as they are sold as "old roosters" after their combs grow. They should be freely fed.

Guinea hens, in addition to laying more and better eggs than common fowls, will each of them keep an acre of potatoes clear of beetles, and answer every purpose of a barometer in predicting the weather.

Do not over-feed the chickens; there is no more common mistake made. Gorging with food to make fat is no way to find a profit in the egg business. This is especially to be guarded against when hens are confined and do not get much exercise. They should have plenty of scratching room.

The man who places a porcelain nest-egg in the nest when the temperature is down to zero causes the hen that goes on the nest not only the loss of a large amount of animal heat to warm the cold substance, but also inflicts upon her a task which is severe and cruel. Special attention should be given to the feed in winter. Cracked corn or corn meal.

HEN CHIGGERS.

I wish to tell the readers of The Modern Farmer a little experience of ours concerning hen chiggers, which I hope may prove beneficial to some one.

Several years ago we raised quite a number of goslings and at that time our hen house was terribly infested with chiggers, so bad that they actually killed the hens.

We had to pen the goslings of evenings, so we put them in the hen house and would keep them there during the day a good deal. They must have carried the vermin in their down to the creek for they disappeared entirely and to this day, we have not seen another chigger. ADDIE ROBINSON.

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Trees, Garden and Flowers.

J. O. SHROYER, Editor.

PRUNING FRUIT TREES.

By S. H. Ramey.

I have often wondered why it is that there is so little said and written on the subject of pruning. You can scarcely find a book on the subject, while we have orchards on every farm all over the country. In every other line of business that farmers undertake they study it from Alpha to Omega.

The following is my method of pruning, and my advice to others: Never use an ax to take off the limbs instead of a saw. Trees pruned with an ax will scarcely ever heal over. Always prune in the month of April. Small limbs can be best cut off with a knife. Never cut square across the limb when it is in a slanting position, justifying yourself with the thought of making as small a wound as possible, but always take off the limbs parallel with the body of the tree or limb that it grows on, even if it does make a slightly larger wound, for it will heal over much quicker. Never prune after the sap raises. If your trees have been set so close together that the limbs have become interwoven or the limbs are so thick on a tree that the sun cannot penetrate pruning is needed. It takes sunshine to give color and flavor to the apples. Where the limbs are so thick the tree will not bear so well, and the fruit will be inferior. Prune so the fruit will be evenly distributed over the tree. Allow water sprouts to grow on the long bare limbs, as they will bear well after a year or so, and will pay.

It behooves each farmer to pay attention to his fruit trees. They pay for market, and, besides, they pay for home use. Our system demands fruit. I am fully persuaded to believe that the lack of fruit has been the cause of many a poor drunkard, as the boy that does not have fruit will go about craving something, not knowing what, and nine cases out of ten he will go to the saloon and call for some sort of wine. Finding that it relieves his cravings he will keep on drinking, and the alcohol it contains will create a craving for alcohol, and the result is a sot drunkard, a soul lost, and who is responsible? Certainly God will hold the parents responsible for not providing for the ones He has trusted in their care. I have known drunkards manufactured in this way. As a rule those that have all the fruit their system demands are temperate.

Praise, Ky.

Of course you are going to start a new strawberry bed this spring. It pays to set out some new plants each year, even if you have a good lot of berries now. It does not do to set out from the bearing patch, as the plants should be from parent stock that has never borne. We have used the Warfield for ten years, and think it one of

the finest that we can get. It is not a perfect bloomer, and has to have another grown with it that is a perfect bloomer. Bedderwood is all right, and the two make a fine combination. We think that two or three hundred plants are all that an ordinary family will need to buy to insure a plenty for another year. Indeed, we once told a friend that one hundred plants would produce more than an ordinary family could use the second year after planting, that is, with only ordinary farmers' care. With extra pains twenty-five or fifty would do it.

By watching the advertisements you can get two or three hundred plants for one dollar, and then set them in two rows, the staminate varieties in one and the pistillate in the other. Put the rows from three to six feet apart; we prefer the latter distance, and then you can use a horse hoe or five-tooth cultivator to care for them. Do not be afraid of getting the soil too rich, for they will do all the better, but be careful that no clover seed is in the manure. If you grow berries for sale, even in small quantities, it will pay to have boxes to pick them in. They cost but little and save the berries from getting mashed and ruined by putting so many together. We like to keep the boxes for our own use, even when not selling any berries. They are handy to pick in, and one always knows how many there are. If you expect to use boxes it pays to order early, as they are apt to be needed before you think of it later on.

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Letters

OUR METHOD OF WINTERING ALL RIGHT.

Editor Modern Farmer: Your method of fixing the bees for the winter is all right. I did the same thing, only I mix a little honey with the sugar. They will take it a little sooner, and it does not get so hard. I also take out the center comb and hang in a frame with rag carpet on it with a few holes cut in it, as this carpet is dry and holds heat. I also set my bees facing the north as much as I can in the fall. We have had three warm days, and I noticed in the neighbor's yard they were out. There was none of mine out, and I examined the top of them and the hives seem to be full of bees. I will guarantee them to come through all right. I have received several letters saying this was a hard winter on the bees so far. I do not think so. One man has lost three out of six colonies. I told him that he would the way he left them. I offered to fix the six if he would give me one of them. Now he sees how mine are, and he says that he is not too old to learn yet. I have been trying to get him to take the Modern Farmer. He says he is too poor, when one number would have saved him several dollars. I do not think I ever saw so small a journal that had as much material in it, or any better. I can hardly wait until it comes. I shall have the numbers all bound when the year is up.

Yes, I find plenty of good business men who think that we bee-keepers make the comb and put the honey in it by machinery. There are also plenty who think that the clear white honey is put up and made out of sugar. I have clover honey candied that is in a pint glass can, but you can read a newspaper through it after it is melted, and I never feed any sugar. I have always laid a cake of candied honey and sugar on top of the frames. If I do not change my mind, I will go at the bee business in real earnest. I am now making plans for it. I shall increase up to twenty-five or thirty colonies next year. I have a place out in the country where I can set three hundred colonies. I have found out how to get surplus honey out of any colony, if it is in the field. A great many cannot get the bees to work in the surplus cases. I can get them there before the brood chamber is crowded and keep every bee at work. It is something worth knowing. I have also found out how to move bees in the fall any distance, five feet to one hundred and fifty, or more, and there will not be but a very few go back to the old stand. I moved three this fall about twenty-five feet, to get them out of my chicken park, (and I do not think there were any that went back, except those that were out in the field. As they worked several days after I moved them I noticed that only a few now and then went back to the old home. It is not a good plan to move them, but sometimes we must do it.

As for bee stings they will cure the rheumatism, as I had it for five years, and in the fourth year went to keeping bees. I was stung to beat the band, and only kept them one season. The rheumatism left me, and I have never felt it since, and that was nineteen years ago. I let them sting me on the hands and think nothing of it. If I should ever get the rheumatism again I will give them full sway at me. Can you not get some way of getting the poison from them so we can use it for medicine? I intend to try it next summer.

A. F. EILLENBERGER.
North Tonowanda, N. Y.

The doctors have been using the poison of bee stings in medicine for a long time, and either get the bees to sting something that will draw out their stingers, or they put the bees in alcohol and extract the poison in that way. We would be glad to have friend E. tell us more about how he manages moving bees, and how he gets them into the surplus arrangement if it is not a secret that he wants to keep to himself.—Editor.

Editor Modern Farmer and Busy Bee:

I want to write your many readers a few words of consolation and advice. I console you by saying we suffered a little here during the recent ice as well as our more northern brethren. This is no consolation any more than it is human nature. When one fellow gets a bad thing he wants the other

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fellow to share it with him. We say to you up there that we had our part of it and that we helped you turn it loose as soon as possible, February 21 and 22. The above is the consolation part of this piece. Advice: Stay with The Modern Farmer and Busy Bee, because it is clean. When you get in the habit of handling or reading one clean thing you will add another and another until you will be clean yourself and never know you have been in a strain in making the effort. We have been having summer heat here today, March 3rd, mercury standing at 80 degrees. I've been taking The Modern Farmer three years. I find it ennobling and doing its best to be more so each issue. I am taking thirteen papers. I hardly know whether I ought to take this many or not, but the question arises which one shall I stop. I can't decide so I just take them each year by sending money or paying my subscription by doing a little work.

Yours sincerely,

J. S. OTTINGER.

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ST. JOSEPH, MO.

WHAT THEY SAY.

It is not often in these busy times that we can take the opportunity to comment favorably upon things in general which come to our attention and appeal to us in a satisfactory way. We give thanks, too, often, perfunctorily, not meaning what we say. This, however, was not at all the spirit in which the following letter was recently written to a ticket agent of the Rock Island System:

"Los Angeles, Calif., Jan. —, 1905.

Dear Mr. —: We arrived here Saturday safely and enjoyed our trip very much on the Golden State Limited. All of our party voted this train the finest that they have ever traveled upon. The accommodations were first-class in every respect—the Sleepers, the Observation Car, the Diner, the Buffet-library smoker, with bath and barber could not have been improved upon. The entire train crew were gentlemanly and very obliging—doing all they could to make everybody enjoy themselves and feel at home. I shall try to get my friends and relatives to take this train when coming to California."

Mr. John Sebastian, passenger traffic manager, singles this out as one of the many commendatory letters that have been received in his office. The Golden State Limited is maintaining first place among transcontinental limited trains.

We want to put The Modern Farmer into several thousand new homes during the next three months and we make this offer to agents and those who are willing to help us extend our circulation. We will send the paper to new subscribers only for the rest of the year for fifteen cents, and to every such subscriber we will give free a gold filled collar button, or something of equal value, as long as the stock we have of these things lasts. We will send the April number on this offer as long as we have any copies of it left and after that we will begin with the May number. If you send in at once you will get the paper nine months for fifteen cents, and a free present you cannot buy anywhere for the money you send. To the agent who sends us the largest number of subscriptions before July 1st on the terms mentioned above, we will give a set of solid silver spoons, the retail price of which is not less than \$6.00 any place on this continent. This is your last and only chance to help us and get big pay for your trouble. Surely our lady readers do not realize the value of these premiums, or else they would be making an effort to get some of them. Be-

ginning with the January issue we shall put the price of The Modern Farmer back to fifty cents, if we do not make it more. The price of paper and the cost of printing has increased so materially that we cannot afford to sell The Modern Farmer any longer at the present price. All of our readers, how-

ever, will have a chance to renew their subscription at the prices we are now charging, and those who wish, either old or new, can send us a \$1.00 bill and get the paper for five years. After January 1st all such offers will be withdrawn.

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WHERE NERVES ARE UNKNOWN.

The women of Japan, in contrast to their Oriental sisters, have long been noted for their poise and self-possession. Their placidity under what would ordinarily be considered trying circumstances has surprised American tourists. Patent medicines guaranteed to cure nervousness in its many forms have little sale in Japan. The meaning of the term "nervous prostration" is unknown. Japanese physicians are rarely rich, says Robert Webster Jones in the Housekeeper.

An explanation of this happy state of affairs has been made by a returned traveler. "To begin with," says he, "there is never any change in fashions, so the Japanese woman has no worries at all on that score. Then housekeeping is simplified, so the Japanese woman is hurt by none of the jars and frets that rag the nerves and prematurely age her Western sister. The Japanese house has no draperies, no dust traps in the shape of superfluous ornaments. People all put off their shoes on entering the house, so no mud and dirt are brought in. Japanese women have no heart-burnings over euchre prizes and 'bridge' stakes. They never have to compose club papers on subjects concerning which they know nothing. They never sit up nights planning how they may outshine their rivals in dress at some social affair. They do not bother their brains with schemes for marrying their daughters to rich foreigners. They never have to give eight-course dinners with two-course pocketbooks. They live simple, happy, peaceful domestic lives, and live them long."

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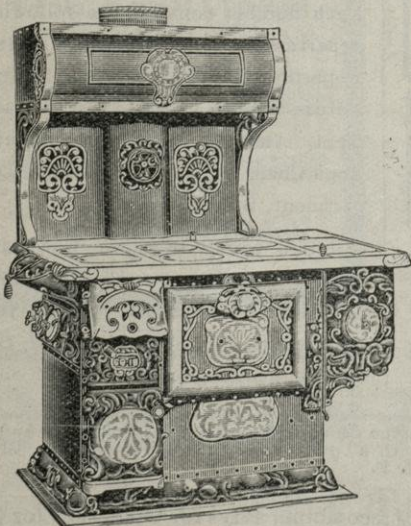
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ACT AT ONCE BEFORE IT IS TOO LATE TO TAKE ADVANTAGE OF THEM

Notice—We cannot be responsible for the suspension of any paper offered on our clubbing list.

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Wool Markets and Sheep50
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Madame	1.00
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The Modern Farmer, Pearson's Magazine, \$1.00, Western Poultry Journal, American Truck Farmer, Green's Fruit Grower, Agricultural Epitomist. All for \$1.25.

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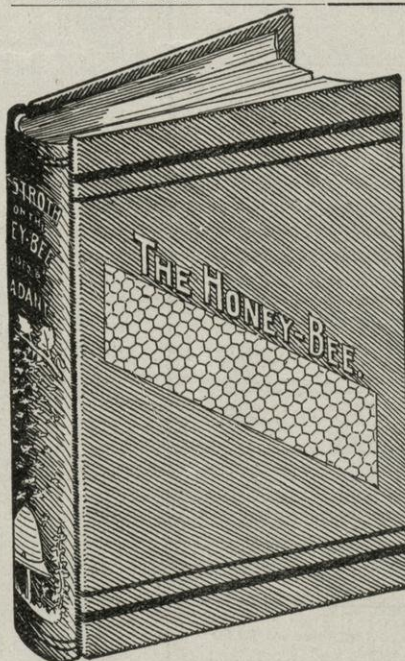
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PEARSON'S MAGAZINE FOR 1905

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Plans for the coming year include a new series of stories by the author of Captain Kettle, and a new series of Historic Mysteries by ALLEN UPWARD, the author of "The Revelations of an International Spy." H. G. WELLS (of "The Wars of the Worlds" fame) will be a prominent contributor with a series of his inimitable short stories built upon such semi-scientific lines as to give to his most extravagant plots of fiction the form of convincing truth. F. BERKELEY SMITH will create a new PEARSON hero of pronounced character from the type of the careless-minded sons of the very rich Americans who dwell in Paris for amusement's sake; but who at heart have the true pluck and clean spirit of their countrymen. HENRY GEORGE, JR., has in preparation for PEARSON'S a tremendous series of articles entitled: "The Decline of the Republic." These articles will show the United States as it exists, socially and politically to-day.

They will draw parallels between the conditions of to-day and those of the ancient times, when the very prosperity and seeming enlightenment of the people of Babylon, Rome, Athens and Pompeii, with the attendant extravagant and arrogant viciousness was a forerunner to downfall and ruin.

There will be no general attack upon wealth, which is legitimate, just, and in every way to be encouraged,—but against special privileges, which are foreign to the concepts of the Fathers of the Republic and destructive of American political and social principles and ideals.

The vast system of laws of special privilege in the United States explains the vast private fortunes on the one side and the poverty of the masses on the other—a poverty in face of extraordinary and unexampled material progress and general growth of power to produce wealth. Lincoln's declaration that a nation cannot long exist half bond and half free applies as well to a condition of industrial as to one of chattel slavery.

This must daunt every thoughtful, patriotic man and woman who realizes what enormous power is in this country to-day centered in the hands of the *Princes of Privilege* and to what a state of dependence the large proportion of our population is reduced. PEARSON'S will deal with this question—sanely, conservatively, but fearlessly.

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