HOW THE BEE WORKS.

Susy Insect Not Only Makes Wax and Honey But Also Fertilizes Plants with Pollen.

John Burroughs says that when a bee brings pollen into the hive he advances to the cell in which it is to be deposited and kicks it off, as one might his overalls or rubber boots, making one foot help another. The honey bee ranks among the highest of all insects, because of its thoughtful provision for the future and the care shown its young. The young bees which receive this care from the working bees are called larvae. These are of three kinds, found in three different kinds of cells, and they are The flight of time invites despate, called queens, drones and workers. The best time to study this wonder. It ful insect is when buckwheat and -Washington Star. goldenrod are in bloom. If possible, visit some hive and try to see them at work inside. It is very interesting to see a few captured bees that have been fed some honey "take a bee line" for home when let loose. This is the plan followed in the mountains and elsewhere when hunting for wild honey. Frequently these hees will return for some more honey to the same place where they were fed at first, as their instinct is akin to reason, and they always observe a place so as to return to it. When making room in the hive for a set of young bees the old queen bee leaves the hive, followed by nearly all of the grown bees that are there at the time, and, after swarming in the air, they go directly to a new home, just as if they had selected the place beforehand. They not only make wax and honey, but add to their usefulness by carrying the pollen for the fertilization of flowers.

PEN SYSTEM LAUDED.

Under It. It Is Claimed, Percentage of Chickens to Be Raised Can He Increased.

In raising chickens, I have found the "pen system," as we call it, the most satisfactory and successful way of all in handling the hen and her brood. The system is as follows: In making the fencing ordinary plasterer's lath is used. The sides are ten feet long, and the ends eight feet. The laths are nailed to a six-foot base board, with a three-inch top stringer, which latter ism .-- Chicago Post. is a foot and a half below the top ends of the uprights. The sides and one end are nailed to square surface posts. which enables us to move the pen every few days, when desired. One end of the pen is attached to one post by a small rope, or wire tie, in order that it may be swung open in lieu of a gate



THE MODERN PEN SYSTEM.

Within the pen when completed, a stout for the hen and her broad. But, it is necessary to remove the outer of flight feathers of one wing of the mother hen, so that she cannot fly out. The lathing should also be nailed class enough together to confine the chick | case, ens until they are large enough to fly, By that time they will be weared, and should have the range which is necessary to their further development. But a larger coop, with a roosting perch, is then necessary for them. The pen may be utilized in connection with a brooder, but it will then require a light movable shed several feet square. or a weather-proof brooder, to proteet the chickens from inclement weather. This plan keeps the young chicks out of the dew of the early morn; and gives the keeper control of the hen all the time she is with the chickens; and at the same time it provides a refuge constantly, in case of sudden and heavy showers, hawks, or John signed that at the bottom.-Harvermin of any kind. Under this system we find it possible to raise fully 25 per cent, more chickens than we could in the old "range as you please way," and with infinitely greater pleasurer while the work and worry is reduced to a minimum.—H. B. Geer in Epitomist.

Preparing Bonca for Poultry. Fowls always prefer bones that are

broken or cut (not ground) into small pieces, with meat either raw or cooked adhering to them. The henr do not care for the commercial bone unless such is free from the odor of ammonia or decaying matter. Dry bones, either broken or ground, wil be eaten, but not so readily as tho: that are fresh. Fresh bones are not easily ground in any kind of mill promised you. They are usually steamed, in order to render them brittle, or placed in the oven and burned. Of course, when subjected to heat they lose more or less of the nitrogenous matter, such as meat or gelatin. With a bone cutter all kinds of hones can be pre pared for the fowls. Farm and Fire

Eggs Absorb Bad Odors.

An experienced "henologist" says: Eggs in a way a e just as susceptible to bad odors as is milk. The odor of onions when fed to the hens is easi ly discernible in the eggs they pro duce. A lady friend of ours simply spoiled her eggs by placing ballmade of a creosote preparation in the mests to get rid of the lice Where good eggs are wanted hent learned but tedious. should not be a lowed to do scaven per duty.

An Average Temperature. It was evident that the tenant was

"That flat!" he exclaimed. "What about it?" asked the agent.

"You assured me that you could promise me a good average tempera-"Don't you get it?"

"I should say not. It's colder than a

"Very likely it is on occasions," admitted the agent, "but what has that got to do with the average? Just put the summer temperature into your calculations, and you will find that I spoke the truth."-Brooklyn Life.

A Dirge. Yet bids us strive anew; t scatters silver through our hair

BREAKING IT GENTLY.



The Doctor-My poor boy! I'll tell you the worst! You'll be well just at the time school opens again .- Louisville Courier-Journal.

Puzzling. He is a fool who in the cup

His sorrow tries to drown. You cannot keep your spirits up By putting spirits down.
-Philadelphia Record.

Wouldn't Seem Natural. "I have an idea," he announced sud-

"Well, you'd better not let anybody know about it," she answered wearily. "Why not?"

"Because if it was found out it would be considered an evidence of plagiar-

Sort of Business Agent.

"Yes," said the family doctor to the guest, "I have always insisted upon it that my daughters must learn to make cake and pie-especially pie." "May I ask why?" inquired the guest.

"It's a great help in my business," replied the family doctor.-Cleveland Plain Dealer.

Pretty Far Gone.

Clara-Do you think Algy is really and truly in love?

Dora-In love? Why the poor fel-ow is so desperately in love that his latest made-to-measure suits hang on him like ready-made clothes,-N. Y.

Her Imagination.

"That young lady must have a very vivid imagination," said Willie Wish-

"What makes you think so?" "Every time I tell her a story she ave she imagines she has heard it be-

fore."-Washington Star. As Well as He Could.

"Do you think I covered the ground?" asked the lawyer when he had concluded his presentation of the

"Well," said his client, "I think you covered as much of it as your size would permit."-Brooklyn Eagle.

Modest Beginning.

"Young man," said the pompous individual. "I did not always have this carriage. When I first started in life I had to walk."

"You were lucky," chuckled the youth, "When I first started in life I couldn't walk,"-Chicago Daily News.

That Was an Easy One.

Instructor (in despair)-Well, at least you can tell me where the Magna Charta was signed?

Student (cheerfully)-Oh. yes! King vard Lampoon.

An Basy One.

"But how am I to know when I am in love?" asked the young debutante. "When you think as much of a man as you do of yourself," replied the woman of the world, "that is love."-Cincinnati Enquirer.

As Good as Ashes.

Servant-Here's a sample package of breakfast food that a man left for you to try

Mistress-Very well, Bridget. You may sprinkle it on the icy sidewalk .-N. Y. Journal.

The "New" Mamma. Papa (an ex-widower)-Come here,

Bessie, and see the new mamma 1

Bessle (aged four)-Why, papa, she doesn't look very new.:-Boston Herald.

Sure as Fate. "There is one thing certain," re-

marked the Observer of Events and Things. "A man may have a long face without having a long head."-Yonkers Statesman.

Not Worth It.

Wibbleton-Well, there's one thing -you can't henpeck my soul. Mrs. Wibbleton-Umph. I wouldn't bother about a little thing like that .-

N. Y. Herald. Classifying Pussy. "Would you call a cat herbivorous or carnivorous?" asked a man who is

"Neither," answered the man who yawas; "merely vociferous,"-Fit Bite.

SUPPLIED OCULAR PROOF.

Dow a Resourceful Missouri Lawyer Easily Won Over the Jury in a Slander Case.

"Resourcefulness in a lawyer in the actual trial of a case is as necessary as the same quality in a general on a battlefield," said Representative Champ slang phrase, "just puddin'" for Pa-Clark. "I saw my old law partner, ex- risian jewelers, who sold him what was Lieut. Gov. David A. Ball, gain a slan- supposed to be valuable strings of der case once under difficult circumstances-as it were, snatch victory from the jaws of defeat.

"Ball had for a client a wizen-faced, shambling, wild-eyed old tie-chopper named Sam Barnes, slim as a racer and short of stature. A fat, stocky, 200pounder named Zach Boothe had accused Barnes of stealing his bacon, and



HON, CHAMP CLARK. (Missouri Congressman Who Is Famed as a Story Teller)

had forced Barnes in his own cabin, in the presence of his wife and children, to hold out his foot for measurement to see if it would fit certain suspicious

but Ball is a sort of heaven-appointed attorney general or the poor. They are always with him, both in court and at the polls. Consequently, Barnes went to Ball with his bleeding heart and shattered repu-

swore that the reason he knew that from-72-cent kind. I said I would pre-Barnes stole the meat was that the sent an album in keeping with the thief entered the smoke house surroundings. 'My God! Don't do it!' through a window 10 by 16 inches, exclaimed my host. 'That album was where two 8 by 10 panes had been broken out, and that Barnes was the only man in the neighborhood small enough to get through that hole. "The jury scowled on Barnes and

beamed oleaginously on everybody, direction, and seeing her cabbage the He metaphorically patted himself on chief flower in the bouquet she thinks the back as a sure winner. But a she is IT. Should we remove her gift change came over the spirit of his from the place of honor where she dream very suddenly. Ball had heard that he was going to swear that way, ing we would have no cook.' I underand was laying for him. "While Boothe was in the midst of

his self-congratulatory grinning Ball yanked a window sash 10 by 16 from under the table, and before Boothe, in Harper's on the cooperative town the court or anybody else knew what of Greeley Col., in which he comments he was up to, he had slipped that on the differing social conditions east sash over Boothe's head, and it and west. "The further west one dropped over his broad shoulders and goes," says the professor, "the more rotund abdomen with fat capon democratic becomes society. I must lined' to the floor.

stand up, and he passed him through least, until I got far away from the was six feet four inches high, to that sash. The demonstration was Atlantic coast. Coming to Madison, complete and his triumph assured. Wis., from Baltimore, Md., the freedom He had furnished the jury what of intercourse between all economic Othello demanded of lago-the ocu- classes and men of the widest diverlar proof.' The jury caught on and gence of wealth and intellect attracted transferred their smiles to Barnes and their seowls to Boothe. All the sheriffs ever commissioned couldn't have kept that crowd from cheering. and Barnes was awarded substantial damages.

GOVERNOR GARVIN.

Rhode Island's Chief Executive Is Mr. Bryan's Choice for the Pres-Idential Nomination.

Dr. Lucius F. C. Garvin, governor of Rhode Island, who has been suggested by Mr. Bryan as good democratic presidential timber, was the only democrat-



DR LUCIUS F. C. GARVIN. (Mr. Bryan's Choice for Democratic Presdential Nomination)

ic candidate to be elected governor last Mississippi. He is extremely popular Mythical wives should always be dein his state, and in the course of 26 scribed as pretty, at any rate. years, during which he has been more or less in politics, he has served in the legislature many times when he was about the only democrat in that body. Dr. Garvin is a single tax apostle, an aggressive friend of organized labor vent blacksliding in the saving habit, and a democrat of the southern school, the savings bank retains the key. He was born in Tennessee 62 years ago, served through the civil war in the Fifwas defeated once for governor and side, this time on his inside. wice for congress.

The administrator of the Pair col tate says that at Paris a \$30 imitation sable cloak was

substituted for the

real thing - one of

Bootlesaness

of Wealth.

the most valuable cloaks in the world -among Mrs. Fair's effects; also, that Mr. Fair was in his lifetime, to use a pearls, but which turn out to be imitations. It seems that it takes experts to tell the difference. At which the average comment, as the Indianapolis News views it, would be: "What's the odds?" Aesop has a fable of a miser who got all his store in the shape of gold, which he buried in his garden. He was wont to visit it and gloat over it. At one visit finally he found the hole empty, and he "troubled deaf heaven with his bootless cries." A friend, hearing him, inquired the cause, and then gave this piece of sound advice: "Just put a stone there and think that it is your gold and it will do you just as much good." So, in the present case, what is the difference between sham sables and real ones? The one will keep the wearer just as warm as the other, and be, so to say, just as sightly. And the same thing is to be said for the imitation pearls. Neither of them comes under the head of productive capital. Aside from the question of covering as clothes, which does not come in here, both belong to the barbaric category of ornamentation, in which the last development of human kind seems to touch the first.

"Some time ago," remarks the Tip o' the Tongue man of : . New York Not a Case of Art Press, 71 had occasion to call upon a for Art's Sake. friend whose home

is luxurious in its appointments. On "Barnes was poor as Job's turkey, the way from the 'grand salon' to the 'den' we passed through an intermediate chamber, in the center of which was a table piled with handsome editions of art works. In the collection, like a bottle of beer in a basket tation straight as a bird could fly. of champagne, was a photograph al-"On the witness stand Boothe burn, one of the 69-cent-marked-downgiven to us last Christmas by our cook. Her soups are symphonies. Her entrees are poems. Her desserts are dreams. On her daily trips to and smiled on Boothe, and Boothe from the kitchen she glances in this placed it that fateful Christmas mornstood, and said no more."

Prof. Richard T. Ely has an article "Then he asked a juryman, who confess that I did not understand true my attention; but there are social differences even in Madison which would be scorned in a place like Greeley. Anything like aristocracy seems to be absolutely unknown in Greeley, unless it is the aristocracy of personal merit."

Prof. Theodor Mommsen, the German historian who has just received the Nobel prize for literature, has written a note to the New York Independent, which asked him to give his views on the best way to advance German-American good feeling. "Asa German," says the eminent and venerable author, "I am a well-wisher to America, and fully persuaded that the only hope for the future is to be found in cordial relations and trustful alliance between your great republic and my country." He adds modestly that he has not the arrogance to believe that the words of an old professor would change anything in their actual state. But every such expression of opinion makes for peace and good-will.

The division of publication of the department of agriculture gets out over 6,000,000 copies of the Farmer's Bulletin annually. The department is allowed but one-fifth of the total number printed, which is not at all adequate to meet the requests directly to the department.

A St. Louis fortune teller was arrested and fined \$100 after she had informed a bachelor police officer fall north of the Ohio and east of the that "his wife was tall and thin."

> A Chicago savings bank offers to give a metal mantel bank free to anyons who asks for it. Incidentally, to pre-

This effort to convert molasses into ty-first Massachusetts volunteers, and , food for horses comes from selfish man has accumulated a comfortable for- using up all the oats for his own breaktune as a practitioner of medicine. He fast. The poor horse suffers on every

Had Turned Blue-Limbs Bloated.

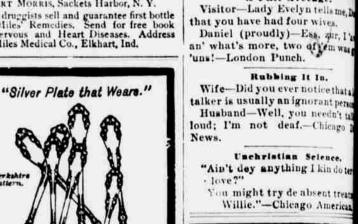
Lay in a Stupor From Heart Disease.

Dr. Miles' Heart Cure Cured Me.

The nails turning blue is a sign of defective circulation as is the bloating of the arms and legs. Other common symptoms of heart disease are shortness of breath from slight exertion, pain in or near heart, smothering spells, palpitation or fluttering, weak, tired spells, palpitation or fluttering, weak, tired and hungry spells, dreaming and nightmare, sudden starting in sleep. In severe cases the brain, stomach, lungs, etc., may become so disordered as to mislead the physicians as to the nature of the disease. If you suffer from any or all of these symptoms your heart is diseased and treatment should not be postponed a single day. Dr. Miles' Heart Cure is guaranteed to help you as it has helped thousands of others. sands of others.

"I owe my life to I)r. Miles' Heart Cure. After four doctors met in consultation on my case, their verdict was that I had suffered case, their verdict was that I had suffered from heart disease so long that they could do nothing for me and I would surely die. My brother said, 'While there is life there is hope, we will try Dr. Miles' New Heart Cure.' When I began taking it my nails had turned blue and my arms and legs were bloated to twice their natural size, and I lay in a stupor most of the time. After the first few doses the dizziness went away and after three bottles i was able to go around the house and thes I was able to go around the house and do my work. Both my family and my nuise think I would have been in my grave had it not been for Dr. Miles' Heart Cure."—MRS. ROBERT MORRIS, Sackets Harbor, N. Y.

All druggists sell and guarantee first bottle Dr. Miles' Remedies. Send for free book on Nervous and Heart Diseases. Address Dr. Miles Medical Co., Elkhart, Ind.



72 PIECES OF

He ate of all the patent food, Nor asked a ringle question And drank the patent medic To cure his indigestion. —Washington Star.

"And is he married yet?"

"No, bedad-and a mighty a thing it is for his wife." - Ally So

Throughout the world, as on the start.
We find it is the case.
The biggest kickers are the ones
Who get the highest piles.
-N. Y. Herald.

Beryl-Do the Smythes live with

Sibyl-They don't live within it, they couldn't live without it-h

their income?

more Herald.

Paid by Height.

The Income Parador,

A Pair Average.

GENUINE PHILOSOPHY.

bership offer will soon change. We dressing your letter and enclosing year's membership or twenty-five months to MUTUAL LITERARY MUNO. 150 Nassau St.

It takes a physician's certificate to get a ton of coal in Toledo these days. Wouldn't that make you sick?

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knives, forks, etc., buy reliable brands, even if they do cost a little more. They are worth the difference. If "1847" is a part of the stamp it insures genuine Rogers quality, famous for wear. Full trade-mark—

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International Silver Co. Meriden, Conn

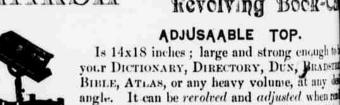
Mascagni says Chicago women are

warmer than those of Boston. Well,

as a Milwaukeean was heard to say,

that only puts them a degree or two

MARSH Reading Stand and Revolving Book-G



your Dictionary, Directory, Dun, Bradsh Bible, Atlas, or any heavy volume, at any be angle. It can be revolved and adjusted when re so as to always throw the strongest light on the You can thus avoid the strain on your eyes income when holding a book in your hand or on a level It is made of Oak, and has on one edge a Bi keep books from sliding off. REVOLVING CASE.

This Case is 15x15x12 inches. The shelve Oak or Ash, finished on both sides and on all and have 9 inchesof book space on four sides, or 3 feet in all room enough for reference books of daily use. Many books may be placed on the upper shelf. In all twenty to thirty volumes size, can be put in it.

CASTINGS connecting the top and Case are finished in black and of sufficient strength to last a life-time.

Pipe, Post and Legs.

The 3 legs are attached by round-headed screws to the turned Into this post is forced an iron pipe, which runs up throug 1 the G and to which the castings at the top are attached. Around this the Case revolves.

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The POST, Middleburg,