CHAPTER XXII .-- (Continued.) E'd sooner give her to, providing she's filling to take you."

"My dear uncle, Maude and Iettled it all before you did me the bonor en? Your £400 a year won't keep a lot of money out of him?" wife, Gren, and I can't help you." or three bundred a year at my profession

Very soon." "Nonsense, boy: I know the law. thoroughly believe you to be clever and have no doubt the money will come in course of time, but it's slow work-very.

Long engagements are not judicious." "But this is not to be so very long and Maude is good to wait a couple of

years or so for me." "A couple of years," smiled the squire. "What did the fee-book say last year. Fifty pounds."

"Not quite; very near it, though." "I'm afraid you'll find it will take all two years to double it. I don't doubt your doing well at last, but it takes time, it takes time. Still, Gren, I'll not gainmay the match, and if at the end of next year you can see your way into something like £300 a year, exclusive of what you have, make a wedding of it, if you like."

"Ten thousand thanks, uncle. This case of yours will find me practice, see see my aunt and Maude, and then I'm colt."

"I'm just off to town, aunt, and have come to wish you good by, and to tell you I'm to be your son-in-law, after all.

"Don't believe him, my mother," laughof Maude, her eyes dancing with fun. "We know better than that don't we? We mostn't detain him, or he'll be too late for hie dinner. You greedy thing; you won't live if you gourmandize so-"Come here, Gren," said Mrs. Denison "has my husband consented to your mar-

rying Mande?" "Yes, aunt, as soon as I've got bread and cheese enough to feed her on.

obliged to be your enemy once. Gren-I couldn't belo myself; but I'd rather you took her than anyone."

"Oh you, mother!" cried Mande: "and be says he'll feed me on bread and cheese. and I like. I like strawberries and

"Sad thing, aunt, but I suppose I'd better break off the match at once. Better that then come to a separate maintebence, you ar the Erest and threse is anxious to hide his light under a bushel, good lasting dish, but how she's to get Young Pearman has a fair dash of the through the winters I don't know, on

what she proposes." "Ah, well, never mind," laughed Mande; Take's yours now, and won't have a senarate the intenance. You'll have to feed accidents, we shall win our money, Gren." her some way and you can't guess bow she cats. When are you going, Gren?".

to walk: will you come with me? Goodby want. Don't be afraid. I won't run will not run up to his previous performaway with her, at all events till strawberries are well in, and threpence a pot- lune, we stand a big stake to nothing.

"Listen : were lovers like that in your me behind than his portmenteen.

"Come away, Maude, and let's see if

have a deal of trouble about that." yes, I always found you and Thomas despairing over it, and it takes all my ingenuity to make those last three or four packages fit in. Don't you think he's making a wife of me, mother, a little before he's entitled to?"

"Go away, you foolish children. You can quarrel and make up all the way to The refractory portmenteau was soon

reduced to subjection under Maude's glever auspices, and then the two cousins walked across the fields to the station. "Your father's given you to me, Maude, as soon as I can get together an income that we can live upon."

She might be coquettish before her mother, but she was meek enough to her lover when they were alone together. Gren. You know I'm not extravagant.

however I may laugh about it." "No, my darling, I know you better: and if we have to begin with a little. I hope you'll be able to spend lots of money

before long." "I mever had any money to spend," said the girl, gravely. "I've often had to want a five pound note, both for myself and

my poor people in the village." "And will have again, pet. Wanting noney is the normal condition of ninetyine hundredthe of civilized humanity But you must turn back now, you have e far enough. Good-by, and God bless said Rose, as he clasped her in arms, "Mine now, forever, isn't it?" "Yes, Gren. Yours or no one's," she

d as she lifted her lips shyly to his. Please write. Bruy day, dearest. Good-by:" and th one more kies, Grenville Rose tore

Plage with Pearman we have alir ocen. On his arrival at Waterloo into a cab, and proof at once to the Temple. On enterhis rooms the first thing that caught a eye was the figure of Sliky Dallison. meed in the castoot ir in the room, was making, apparent

it should, that Pearman had yielded to "Foolish business. Gren, very, I'm your terms. I was off to Plyart directly traid," he replied at longth. "Nobody I got your message, and we have had a busy afternoon of it. We rather woke up the Subscription Room at Knightsbridge, flatter myself. From being an outsider "Posh! You needn't go on about that. In the betting, we brought Coriander back I never doubted that you and Maude had to 7 to 2, and made him once more first favorite. I told you we had Pearman in to consult me. But what are you to five a hole, and we had. I suppose you got a

"Yes, indeed; we made him pay £10,-"No, but we can wait a bit; we are 000 to let off our claim." And then both young, and I shall be making two Grenville recounted his interview with Pearman.

"Very good; then he's now absolute master of the horse again. Of course, exactly what I expected from your telegram. Now I'll tell you what I've done. In the first place, I laid, between us, or rather Plyart did for us, £3,300 to £1,200 against Coriander: that was before he was driven back in the betting; of course that left us to win £1,200 if he was beat or didn't start. After getting your telegram I went down to Tattersall's, and, with Plyart's, assistance, got that whole £1,200 on the horse at long odds. now stand to win, between us £10,170 if Coriander wins the Two Thousand, and just quits if he loses. Not a bad book, Grenville?"

"By Jove! no: and he's a good chance basn't he?"

"Yes, on previous running, wonderful, We know Pearman has backed him to win If it don't. I have no intention of hid- would have paid you £10,000 to-day unlag my light under a bushel. I'll take less he was very confident about his very good care, through my friends, the chance. To wind up with, his own comcase is well talked of. Only wait till missioner backed him to-day for a good the Two Thousand is over, and see what hit of money, although he had to take details the sporting papers shall have shortish odds, owing to our having anof it! Good-by. I will just run up and propriated all the long prices against the

Grenville's eves sparkled, though be Grenville dashed into the drawing room, said nothing, but smoked on in silence where he found Mrs. Denison and his for a minute or two. Yes, if that should come off, he might marry Mande at once! Dallison had regarded him intently. Suddenly he broke sitence:

"I saw your eye flash up, and then you plunged into a reverie. I had forgotten the stake you told me you had on this, when you first spoke to me about it. Whether it's been any good to go so far, of course I don't know; but you stand as fair a chance as a man can do of winning £5,000 next week, if that will help you at all. There's no certainly ness to kiss me! He But it wasn't like to make little biscuit all by my strong enough to make release imposabout anything in this world-about how long it's been a world, or about how long we've been preying on each other in it. "My dear boy, I'm so glad! I was Practically, mind, we are as much cannihals as ever, and eat each other up with as much alacrity as the Feejee Islanders. A good beavy city swindle gulps us down much as a whole takes herrings; but there's plenty of pike about, who do their campibalism one at a time, and not by the sheal. Old Pearman was a pike of renown; in fact, he might have aspired to the dignity of a shark, if he hadn't been of a retiring disposition, and ever pike about him, too. Which way he can make most money out of Coriander I don't know; but I should think, by winning; and if I'm right in my conjecture, har

"And if it is the other way?" "Shan't lose it, thank goodness! But "In a very few minutes. I'm going I'm afraid if his book makes up a few hundreds better on the lose, Coriander ances. We've done pretty well; win or

Good-night." Grenville mused far into the night, Yea. mother? I used to dream, a little he had been playing for high stakes latewhile back, that when you had a lover, it. | 1, and winning game after game. Let was all you could do to keep him from this only come off, and he should have running away with you. Now I'm getting fairly won his sweet cousin. Then the as she thought of herself and as little quite clever about it, and know that thought came into his head that he must of her as she did of him."-Life. Gren would always much prefer to leave | see it, and then it flashed across him that Mande must be with him. How he was to manage it, he didn't know. As inspirawe can shut it; you know we always ylor flash across mankind, so do superstitions. Corlander's wishing the Two

Thousand depended upon Maude and him being there to see. "Ridiculous!" you'll say. pretty well as much romance and superstition going about the world as hereto fore: but our nineteenth century training teaches us, above all things, not to lay ourselves open to ridicule. We may inwardly admit such things; we don't acknowledge them.

(To be continued.) 

Coyotes in Tacoma. The hundreds of the coyotes living on the praries south and southwest o Tacoma are living on the fat of the earth since the snow began in contradistinction to the lean fare of other "I hope I shall be a good wife to you, wild folk, a New York Herald dispatch from that city says. Quall, oriental pheasants, the ordinary wild pheasant and birds generally, owing to their starving condition, are falling an easy prey to the smaller carnivort.

Rabbits also are much easier caught since the coming of the deep snow than coyotes have found them since

Owing to the protection given them. game birds have increased remarkably during the last eight or ten years up to the commencement of the present storm. Large numbers of quall have been found starved and frozen during the last few days and hunters say that friends, but we shall never meet the corotes are adepts in bunting down | again."

covers and catching them in the snow. Marshal Danforth of Fren Hill caught in a trap one of the largest coy-How he traveled up to town in the otes ever seen here several days ago. mean that fluffy thing you put on your It measured five feet three inches from | head?" "Of course!" "I'm tip to tip, and had an unusually fine cost of fur and was fat.

Uncle Hank's Idea. It was Uncle Hank's first ride in a parlor car. The porter came around and brushed him down with a whist

"All right, old fellow," he mid, in re- Hank, fumblish around in his pocket

Say, do I get the

REAT CIVIC NEED.

Improvement Work.

of Interesting Children &

What is needed along the line of improvement work, a phase too often overlooked, is to educate and develop taste in the child regarding civic beautifying. When the growing generation is interested in civic improvement the results need not be feared. The present weakness lies in the fact that but few are interested, and the vast majority are indifferent through ignor ance. Could the first principles of this grand work be taught to school children as a body the work of beautifying in the future would prove a simple and easy task. Itad the children of the past generation been educated in improvement work there would be no need now of numbraining a constant, never ending tight for street trees and other features of the work without which heautiful cities cannot be had In dealing with the subject at school it is not necessary to delve into detail, but the pupils should be instructed in the fundamentals.

This interest cannot be created by the stuffing process, which is the weakness of the present day common schools, but should be developed in the child, so that he can perceive, appreciate and discover beauty and excellence and the best means to such ends. The curriculum of the common school They said he would come, but I said has not been of late years sufficiently changed to meet the demands of the An' now I don't know wot I'm going present day development in regard to public improvement, and when reaching mature years or mon leaving school this phase of life is to him a closed book. School training should aim to impart somewhat of culture and Oh, please, Mrs. Muvver, come chase taste, especially during the later years of attendance, and this in turn would An' I bet 'at I'll mind ever' word 'at be transferred to the home and public works, so that there would soon be au army of protestants against sloven.y municipal housekeeping that would prove equally potent in public life with the improved methods and conditions brought about at home.



his anto? Bucker- Entirely; his chauf-biscuit?" fend won't let him use it at all .- New I York Sun.

She (indignantly)-You had no bushbusiness; it was pleasure, -- Detroit self." News-Tribune. "To you believe in the superhumau?"

"I used to, but I don't any more." "Why?" "I married him." - Chicago Record-Heraid. "Flee!" cried the girl. "You mean fly," corrected the lover. "Never mind

what insect I mean," she replied. "Just git! Pa's comin'." "There goes the most talked about man in the community." "You surprise

me. Who talks about him." "He does,"

-Chicago Tribune. She-Yes. I admit I am very fond of dress. He-Huh! Then I should think you would wear more of it.-

Philadelphia Press. Kulcker-What is the secret of success? Bocker- fie the fellow your wife could have married if it hadn't been

for you.- New York Sun. Him-How does she manage to keep her looks? Her-Keep her looks? Why, she can't get rhl of 'em, or she would,

I suppose,-Cleveland Leader, "What caused the separation?" "Oh, he thought as much of himself

Maisle-I'll only marry a man whose fortune has at least six ciphers in it. Morton-Then I've got a cinch. Mine

is all ciphers .-- Milwaukee News. Scott-1 suppose you are saving up something for a rainy day. Motttry to, but my wife mistakes every bargain sale for a shower.—Boston

Transcript. Colonel-What do army regulations make the first requisite in order that a man may be buried with military honors? Private Macshorty-Death,

yer honor! Blobbs-Tightwad claims that when charity is needed he is always he first to put his hand in his pocket Slobbs-Yes, and he keeps it there .--Philadelphia Record.

Willie-Don't the bluefish go about in schools, mother? Mother—Yes, dear: why? Willie-Oh, nothing; only I was just wondering what the school does it some fisherman happens to catch the

teacher. Creditor Say, I sent you my bill a month ago. Editor-Yes, but you wrote across the back of it: "Please call and settle." We make it a rule to pay no attention to manuscripts

written on both sides. The country parson was condoling with the bereft widow. "Alas!" he conthued. "I cannot tell you how pained I was to learn that your husband had gone to heaven. We

"Now where did I lay my rat, I wonder?" fretted Mrs. Trousseau. "Yourer-rat?" said ber husband. "Do you don't know, my dear; but why call it a rat? Rabbit would be better-it!

Futile. The man was clearly in great dis-

would sound more like real hare."-

Lippincett's.

"Help! Help!" In agonized tones the cry was re-

But, alas! he lived in the suburbs and wanted a woman for general housework, so the help in all the employment offices treated him with calm scorn and thus was he left to his fate. -New York Times.

And sometimes a poet fools people by wearing his hair short.

THE TERRIBLE TERRIBLE MAN A terrible, terrible man is there. Waiting to catch me upon the stair; | rierald. A terrible, terrible man, who roars, An' chases a feiler right out of doors When he's had a wuppin', an' goes to bed

all red.

I'm feard an' I'm feard, an' I'm awful awful skeera.

Fer I've been so naughty I know that | Herald. Will jump right out of the ball at

For the terrible man to chase out of the door.

An' I'll never be bad enny more, enny

pooh-pooh. to do.

For if I don't go I'll get wuppened again. An' if I do he will come, an' what

him awayyou say.

-Baltimore Sun. THE THIMBLE BISCUIT. Once upon a time Polly's mamma

She sifted the flour so fine and white And kneaded the dough till it was

was making biscuit for supper.

And rolled it out with the rolling-pin, And cut the biscuit round and thin.

Polly watched her do everything: and, when the last biscuit was in the biscuit pan, mamma said: "Here is a little piece of dough left

on my biscuit board. I wonder if lowered over an iron or steel object there is a little girl in this kitchen Knicker Did Jones lose control of who would like to make some little the load with wonderful firmness. The "Yes, yes," said Polly, clapping her

hands with delight; for of course she load, and if the proper calculations knew her mamma meant her. "I'd have been made the grin will be

her waist for an apron, and Polly is to be left the current is cut off rolled up her sleeves just as mamma and the attraction of the magnet did when she cooked, and climbed ceases. As many workshops nowainto the kitchen chair so that she days are provided with electric mocould reach the biscuit board. Then tors, to wind heisting drums and nershe was ready to begin her biscuit.

must always sift flour on your board current is led from the dynamo room If you want your biscuit to be smooth to the crane by carefully justified and nice."

So Polly sifted the flour so fine and white.

light.

What do you think? Mamma's to be lifted with mignets. biscuit cutter was larger than Polly's piece of dough!

"I think you will have to borrow grandmother's thinb'e for a bisenit cutter," said mamms. A thimble bis- years ago the trial of one of the most cult cutter! Was there ever any thing important cases of the year in our so funny as that? Polly laughed Supreme Judicial Court at Boston. about it all the way upstairs to On the two sides were arrayed some grandmother's room; but, when she half a dozen of our most eminent told grandmother what she wanted, lawyers. Daniel Webster and Rufus grandmother did not think it was strange at all.

"I used to make thimble biscuit when I was a little girl." she said and she made haste to get the thimble out of her workbag for Polly. Grandmother's thimble was made

of shining gold and oh what a fine biscuit cutter it made. The biscuit were as small and as round as buttons, and Polly cut enough for grandmother and papa and mamma and Brother Ned and herself, each to have one for supper that night.

"I think it is fun to make thimble biscuit," she said as she handed them round in her own blue saucer: and if you don't believe she was right. make some conracts and see .- Mand Lindsay, in Kindergarten Review.

THE SPIDER'S STRENGTH The strength of some of the spiders which build their webs in trees and other places in Central America is astounding. One of them had in captivity in a tree there not long

ago a wild canary. The ends of the wings, the tail and the feet of the bird were bound together by some sticky substance, to which were attached the threads of the spider, which was slowle but surely drawing up the bird by an Ingenious arrangement

The bird, says Home Notes, hung head downward, and was so securely bound with little threads that it could not struggle and would soon have been a prev to its, great, ugly captor if it had not been rescued.

DON'T BEGIN

Once there was a little fly who saw a swider's web in the corner of a "I will keep away from it he thought for I should get one foot in it I might get two, and soon I would be caught altogether." Wasn't that a wise little fly? In the same room was a little gir

whispered in her ear. "Hide the pieces and don't tell mother." "No, no!" said she, "If I should deceive mother once, I might again and pretty soon I should be telling wrong stories. I won't begin Wasn't she a wise little girl? -May-

who had broken a vase. Some thing

flower. THE COMPANY YOU KEEP. corn was destroyed by the cranes that I males.

fed in his field. He grew angry and declared he would stop the nuisance. So he put up a net and caught not only the cranes, out a fine stork that had come down from a neighboring

roof to chat with the crane. "I'll wring your neck," said the farmer. "You are pests and have

hurt my fields." "Spare me," cried the stork. "I'm innocent; indeed I am. I never touched any of your belongings."

"That may be true," answered the farmer: "but I find you among thieves and I judge you accordingly."-Home

IT ALL DEPENDS ON YOU. Think of this, girls and boys: I you ask a child to wait on you, say 'Ith his nose all swelled an' his eyes | "Please." Be poute to servants and inferiors. be courteous even to the cat. Why push her roughly aside, or invite her claws? If kind good nature and gentless rules in every home An' I'm skeerd an' I'm skeerd, an' I'm what sunlight would home enjoy! A great deal depends upon you.-Home

> LIFTING WITH MAGNETS. A Load of Several Tons Handled With

the Utmost Exec.

In foundries, machine shops and other places where large pieces of iron or steel are to be shifted from one place to another-say, from the floor, to a platform car-two things are needed. One is a crane, provided with hoisting tackle and pivoted or otherwise arranged so as to swing from side to side. The other is a suitable method of taking hold of the load. If the burden be surrounded with a cable under which a book can be introduced, nothing further is required except the power to hoist at the right moment. In many cases, however, the adjustment of a tie sionally found to be more convenient, rut, to be learners. therefore, to utilize the attractive force of magnetism. From the hoisted to the work in hand.

An electro-magnet is one the power of which lasts only while an electric current is flowing through coils of copper wire around a soft iron core. Switch the electricity on and off and the magnet is as uscless as a piece of chalk. If the magnet is bomor, so as to touch the latter it will grasp crane from which the magnet hangs can be swung so as to deposit the sible until the right moment. When So mamma tied a napkin around the burden is in the spot where it form a variety of other work, a sup-"May I sift flour, too?" she asked, ply of current is often already avail-"Yes, indeed," said manima, "You able for energizing a magnet. The wires and connected with the mag-

nets they are to influence. An electro-magnet will attract liftle picers of metal, of course, as And kneaded the bit of dough so well as big ones. It can be employed, therefore to lift small scraps of old And rolled it out with the rolling- from, as well as huge bowlders of ore. There is no necessity for tying the small bits together or putting them be any receptacle, if they are

Webster and a Witness. It was my privilege, as a member of the Suffolk bar, to attend many Choate, as it bappened, were on the same side. A bostile witness was put on by the other side, some of whose evidence was of the utmost importance to Webster and Choate, if it could be obtsined, and Choate undertook the task of obtaining it. No man at our bar had more profound skill in cross-examination, and the questions he put to the witness were like the fire of a Maxim gun, but in every instance he failed to get the evidence he wanted and finally sat

down in despair. Then Webster, who had been st ing in his great arm chair, apparent ly about half asleen, as though tak ing no interest in the case whatever. slowly grose to his feet, but his great eyes on th hostile witness, asked him in the most serious tone a single question and brought instantly the required answer. Then as quietly he got down and apparently went about half asleep again. It was a scene photographed on my mind, never to be forgotten. George T. Angell in Our Dumb Animals.

The New Sword

The approved pattern of new cavalry sword for the British army has a straight tapering blade to facilitate thrusting. The guard is shaped to afford more protection on the left side, and the grip is formed to fit he hand, while there is a for the thumb cut in the back at the fore end of the grip. The weight of the sword is an ounce or so under three pounds, while its balance is two and one-half to three inches from the hilt. Says the Army and Navy Gazette: "There are many most cap-f ammonia and sixty pounds of kninit. able officers who disapprove of the new weapon, but other officers in command, and keen in their zeal for good swordmanship, favor the thrusting arm. There will probably be less discussion as to the merits of the new sword bayonet, which approaches the Japanese model, and whose blade is five inches longer than the present pattern and single edged with one end of the cross piece formed as a hook. This brings the total length to a fraction under twentytwo inches, with a weight of six- with hens that lay 100 eggs. teen and one-half ounces.

The Chilean Government has gun work on double tracking the main railway line from Valparaiso to There was once a farmer whose Santiago, a distance of about 100



FARM NOTES.

A cow will drink often if water is accessible at all times. Do you know, reader, that one cause of tuberculosis is breathing im-

pure air of close filthy, ill-ventilated stables. Oiling the separator occasionally with kerosene will cut the gum and facilitate the easy running of the ma-

To the farmer who has been down to the mud hale to break the ice so the cows can drink. I will say most earnestly, pure water is an important factor in keeping the cows in good condition and vielding whole good cow, while on the other hand,

some milk. It is sometimes inconvenient to bed the cows well when other duties are pressing but it is cruel to let a cow lie on a floor that is bare or nearly

Shredded corn fodder makes an excellent roughage, we find to feed the cows at any time and especially before calving if one doesn't happen

to have silage. making dairying pay care for their cows so as to make them produce should be 4 to 6 inches lower than the greatest amount of human food the back. at the least cost and yet keep the I am sure we farmers who keep a few closed by the frame. The sash is men who make a business of dairy- heat. Have a supply of carpet to around the weight involves some trou- ing. The trouble is we are not will- cover the sash on cold nights. Venble and consumes time. It is occa- ing, many of us, to get out of the tilate on bright days by raising the

best place for the cow stalls. No pro- will be ready for planting the seed .-ing tackle may be suspended an elec- visions for admitting sunlight is a Indiana Farmer. tro magnet of a form carefully adopt- mistake. Ever notice the pleasure with which the cow greets sunshine?

Grooming does much to quiet the cow and gain her confidence but it an imperfect animal of a full-blood

cated so they could get over a high Farmers' Home Journal. fence very easily; and as long as that man lived in the neighborhood i there was trouble for himself and his that might have been avoided in the this rule for telling the health of first place by good fences .- From the bird by its droppings: "The con-"Dairy Notes" by Mrs. F. M. W. in I dition of the droppings furnish a the Indiana Farmer.

SAVING HEN MANURE. bination. Wood ashes and slaked conditions, either in the surroundings, lime should never be used because the feed or the water." they cannot combine with ammonia. while they do force it out of its compounds and take its place. Plaster! is apt to produce a dry, lumpy mixture when used in large enough quan-

ment station says that, using their five hens, when scraped from the see it tried so as to prove its efficacy. roosting platform, should be mixed with about right pounds of lainit or acid phosphate and a half neck of sawdust. If one desires a balanced fertilizer for corn and other hoed

better, to use as an absorbent." ent values of fertilizers, would be One of the chief things in this line worth sixty cents per hundred pounds, 'was called. "The Lazy List." Figures from different experiment staty-five hens for the winter season of six months at 375 pounds for the roost droppings only.

ed as a topdressing for grass because | reaching the schoolroom. ammonia which are nearly as quick in their ef- existence in 1878. fect as nitrate of soda. A ton of the manure preserved with sawdust and chemicals would be sufficient for an acre when compared with a chemical formula for top dressing. On the same basis of comparison,

on an acre should in a summer season of six months have added to its fertility the equivalent of at least two hundred pounds of sulphate of PICKING OUT THE LAYERS. Dairymen, to make the greatest profit, build up their herds through

upmerofful culling. They do not ask the good ones to average up a record for the poor ones. This some "common-sense" plan can be profitably applied to the poul- Chronicle.

try business. Hens that lay 200 eggs in a year should not be averaged at 150 eggs

A dairyman uses care in breeding. if he buys, there are certain marks that govern the price, the shade from the end of the nose to the end of the tail is taken into account, the small feminine neck and head have a value and clear down a line of points he 26 years.

makes his estimate, the very same rules and the very same principles apply to the highest point in poultry

raising. Any experienced, close-observing poultry raiser knows, at a glance, the laying hen. The small feminine neck and head count again, the bright, alert eye tells a tale, the drooping tail tells another tale and when she picks her feet up and plumps them down we have another pointer.

A very few club-headed, thick-necked steer-horned cows are any good. Even with the cow the tail tells a tale, the heavy clubtail seldom follows a a slim tail is one of the characteristics of a good one.-Farmers Alliance.

HOW TO MAKE A HOTBED. I would like to know how to make

a profitable hotbed.—A Reader. Select a well-drained location and shake out manure on it in a broad flat and thoroughly compact heap. After the manure is properly packed and leveled, the frames to support the The men that have succeeded in sash are placed in position facing toward the south. The front board

Three to five inches of good soil cows in the best possible condition. is spread evenly over the area incows might learn much from these then put on, and the bed allowed to sash a little on the opposite side The sunny side of a building is the from the wind. In a week or so it

> BRED FOR CONSUMPTION. Hogs are bred for consumption, and

won't do to curry her with the pitch- breed of swine is more valuable for fork. Whenever the attendant feels the shambles than to reserve for a like raising cain he is poor company producer. Many inexperienced men the magnet is energized. Switch it for the dairy cow and he should leave went into the breeding business when the cow stable until he is in a better stock was selling at inflated prices and will close out their herds when I used to know a farmer who had values are at the bottom. Any farmvery poor fences. His cows would er who is qualified as a breeder and find a place where they could step will invest in pure bred swine now over in a neighbor's corn field. The is fully protected by current prices shiftless fellow would go after them from future losses. Values are sure and lay another rail on the fence, to raily. The breeder who starts a The performance was repeated each herd now is sure to profit by the time the old fence was made a little advance, as pure bred hogs are stahigher and finally he had them edu- ple animals and will sell higher -

> TELLING THE BIRD'S HEALTH. Dr. Salmon, of the New York Buneighbors about his cows-trouble reau of Animal Industry lays down

good indication of the hen's health. ! They should be of sufficient consistency to hold their shape but should Prof Morse, of the New Hampshire, not be too solid. In color they should experiment station, after referring to the dark, tapering off nto grayish the loss of fertilizer value, and an white. If the droopings are soft or swering the question how best to pasty and of a yellowish or brownretain it, says the best materials for ish color, it indicates too much carthis purpose are gypenint or land plass bohydrates or a lack of meat. If on ter, acid phosphate and kainit, a cheap, the other hand, the droopings are potash salt. Each of these chemicals watery and dark with red splashes has the power to form new com- of mucus in them, it indicates too pounds with the ammonia as fast as much meat. A greenish watery it is set free from the original com- diarrhea usually indicates unsanitary

DID YOU EVER TRY THIS? Most people think the horse has no use for horse radish, but a writer says he once knew a market gardener titles to arrest the ammonia, while who had a lot of leaves and other kainit and acid phosphate produce waste from the horse radish, and not he opposite effect of a moist sticky having any other use for them he gave them to his horses. One of the Bulletin 98 of the Maine experi- | borses was very badly broken winded, but the feed of horse radish efresults as a basis of calculation, the fected a complete cure. This is a weekly droppings of a flock of twenty- cheap remedy, and we should like to

-Spirit of the West

Official "Lazy List." The town of Great Barrington lately came into possession, by purchase crops à mixture of equal parts of from the estate of the late Heary kainit and acid phosphate could be C. Warner, of a bound volume of town used instead of either alone. The reports for the years 1866 to 1888 insame authority tells us that "good clusive. The annual school reports dry meadow muck or peat would be for the years 1872-73 to 1877-78 inequally as good as sawdust, if not clusive contain much information that is omitted from the school commit-Fresh poultry manure, at the pres- tees' reports of more recent years.

The reports usually embodied rolls tions would give the product of twen- of honor, lists of star pupils and the lazy list. The latter embraces the names of scholars who tardy, but not necessarily the names Poultry manure is especially adapt, of those who lacked diligence after of its high content of nitrogen in the port for 1872-73 contains twelve compounds, I names. The lazy list went out of

Early Dramatists' Pay.

One wonders what the scribe of the footlights of, say, seventy years ago, would think of the incomes enjoyed by our successful dramatists. in Edmund Vates' "Recollection" one hundred fowls roaming at large for instance, we find Buckstone writing to Yates' father: "For a successful three-act play you ought, I think to afford me £70 such sum securing to you the sole acting rights forever in London." And again in a letter dated 1839 he bargains: "I will do your piece for the opening and a new three-act drama for Mrs. Yates. careful breeding, careful buying and company, and self, for my old terms for the two, viz, two seventies, 1 really cannot say less." One wonders, also, what Mr. Barrie would 'm' 'Peter Pans' for! - London

> How to Land 'Em in Kansas. After a man has nibbled, it often requires a shrewd girl to land him The trouble seems to be that the girls let them nibble too long. They should be landed high and dry at the first bite.-Atchison Globe

The average life of a ship about