The United States Senate will note that it has become good magazine ma-

terinl.

Ennyhow, this speling reform bizness is likely 2 hav ruf sleding before it gets thru.

As a rule the imaginative poet is one poetry for real money.

There is no law against women voting in Italy, but the women appear to have discovered it only lately.

If every bridal couple could start with \$300,000 worth of gifts the question of easy housekeeping would not be

believes electricity will drive us all blind. Then we will take more interest in second-sight. Tobacco is said to be the currency of

smokes there his wife can tell him he is just burning money. Conan Doyle says: "Reformed spell-

guage." Yes, if reformed it would be "Inglish."

Elijah I. don't have to have a bank his. A prophet without honor in his trouble with his banker is absurd.

administered in this country.

Olga Nethersole, referring to the stage, says: "It does not save lives; at preme Court of the United States. The least, not directly." Miss Nethersole's amount of money received and spent statement can hardly be regarded as in football is demoralizing to all who hysterical or lacking in conservatism.

What is to become of that chorus girl who is helress to \$500,000? Of course she doesn't have to "act" any manly game such as football ought to more, but then, she can hardly afford to lose the benefit of all that free advertising.

According to Mr. Carnegle, no rich man can be happy. H. H. Rogers would probably be able to furnish strong evidence in rebuttal if something horrible were to happen to the Supreme Court of Missouri.

The latest alarm that has been rung in is that the potato is poisonous, the reason being that the paris green with which the plant is sprinkled has settled in the ground and infected the tuber itself. The time is coming when everything we eat will have to be provided with a certificate of good char-

tie. To the question what was his business, he replied that he was "a plainclothes man."

Several of the fruit ports of Central America have called upon the United States-more particularly on New Orleans-for aid in stamping out and preventing yellow fever. Port Limon. which was formerly a pest spot for breeding the disease, has been entirely rebuilt in the last three or four years, turies and gain at least some faint idea was a spectacle to shudder at. Not so rival banana shipping ports wish to im-Itate its example.

Plans for an organic union of the Congregationalists, the United Brethren and the Methodist Protestants were perfected at a conference in Dayton last month. A common name for the new denomination is to be found later, but the selection of a name does not seem to trouble the men behind the movement. There are more interested in developing plans for working together for the good of the world. When the bodies with separate denominational machinery.

Among seven hundred boys recently examined in an East side school in New York only three could raise themselves up by their arms on a horizontal bar until their chins were on a level with their hands. Many of the children in the schools in the poorer parts of the city dc tot know how to play. They have to be taught the simplest gemes, like tag and hop-scotch. The pathos of a childhood without play has begun to appeal to the public-spirited persons in the city, and they are asking the government to provide more playgrounds in the crowded quarters. Money spent in this way will sare thousands of boys and girls from pau-

Collier's Weekly throws a bouquet at American newspapers by declaring that they "today have more power and use it for better ends than at any previous time." It goes on to say that the permanence and reality of the gain depends on whether the public will show its appreciation of higher standards by support and patronage of the better class of newspapers rather than the poorer and demoralizing class. Some few pessimists who bewail the fact that the most vicious yellow journals seem to flourish may be disposed to question this, but a careful and unprejudiced survey will surely confirm Collier's conclusion that the tone of our American newspapers is steadfastly higher as well as the tone of American business and society, both, doubtless, reacting upon one another in the same

President Angell has stated fairly he position of those who wish to see in football. He is not opposed his lack of time.

when in college and likes the game still. His words, coming from a friend, may have more weight with the fanatical defenders of the game than those of a man whose objections to football are more fundamental. Omitting minor points, President Angell's criticisms of the game may be grouped under three heads: The serious consequences of the game among young players in high schools and academies, the waste of time during twelve weeks of the college year, and the huge amounts of money involved. The larger number of the serious injuries reported during who imagines he can exchange his the season occur among the young players in the preparatory schools, whose frames have not reached the vigor which will stand the severe strain to which nerve and bone are subjected during a hard fought game. Besides conspicuous bruises and fractures on the field the game is even more fatal in its after effects on many of the boys who take part in it. Besides that, a player who distinguishes himself on the field is likely to be coaxed away from Dr. H. Preston Pratt. of Chicago. the natural order of his studies and sneaked into college with inadequate preparation and under circumstances which make it almost inevitable that he should regard the playing of football as the chief end of his ambition. British New Guinea. When a man The larger part of the fall term of college is given up to drill on the part of the players, varied with hours of battle and days of slow recuperation. The rest of the students talk almost ing might become universal, but it exclusively of the game. This waste of precious time must be avoided somewould cease to be the English lanhow. It must be remembered that the tuition fee charged by universities not of the musket butts clashing on the pine State institutions pays only from one-The rarity of the conviction of men half to one-fourth the cost. Universiin high places who are accused of ties are supported either by State fraud cannot fall of giving the masses | grants or by the income of funds cona poor opinion of the way the law is tributed by pious or charitable people. The acceptance of the privileges thus liberally offered involves a moral account, and Elljah III. has overdrawn to use his time to advantage, but this a man in the gray dress of "good conobligation and this indebtedness are own town is normal, but a prophet in too often forgotten. President Angelt calls attention to the fact that a good football coach gets a larger salary than a cabinet officer or a justice of the Su-

## CHINA ONCE MOST CIVILIZED.

While Other Countries Progress

However, It Remains the Same. Ten centuries ago China was un of the world and 3,000 years ago only this time, major? Fifty?" Egypt and possibly India could have competed with it. But while the oth- a hopeless smile. ers have changed in various ways, with such a fellow?" China has remained the same. Think of some of its achievements! The greatest structure ever reared by hucrosses valleys, climbs mountains, face-a visitor, perhaps. bounds an empire on the north,

One class of New York policemen the Roman empire, while it was still of the rejoinder suited his humor, and, one class of New York policemen are not always what their title indicates. One of these men appeared as witness the other day in a tan over- a modern instance, while the enlight. coat, a many-colored undercoat and ened peoples of Europe were still en- it as a cur snatches at a bone, and trousers, a plaid vest and a red neck- gaged with the crusades, before gun- thrust it whole into his mouth. powder or the printing press had been almost 700 years ago.

Our imagination fails us with such numbers. A thousand years of Chlnese history make no impression upon are represented to our thought by lashes, Vickers." nothing distinguished in character or 'And if I ha' had three more," growlliterature. But to the scholar all is ed Gabbett, mumbling at his tobacco, different. He learns to fill out the cen- "you wouldn't ha' had the chance.

terrible and desolating warfare. In China, too, he comes to understand there have been great sover- as he crouched, with one foot curied eigns, great novelists, great essayists. pendent between his knees, he was so To begin to master all that has been morribly unhuman, that one shuddered to there achieved is beyond the powers think that tender women and fair chilof any man, and the most that an in- dren must, of necessity, confess to feldustrious student can hope to do is to lowship of kind with such a monster. learn more or less thoroughly the But also because, in his slavering mouth union is perfected, there will be a compact body of more than a million communicants in place of three seperate bodies with separate denominational ness encyclopedias there are in hor and in the sale secause, in his slowly grinding jaws, his restless fingers, and his bloodshot, wandering eyes, there lurked a hint of some terror bodies with separate denominational ness encyclopedias there are in hor awful than the terror of starvation nese encyclopedias there are in hun- - a memory of a tragedy played out in dreds of volumes and histories which the gloomy depths of that forest which seem interminable and dictionaries had vomited him forth again-and the which are terrifying by reason of their shadow of this unknown horror, clingsize and compendiums and short edi- ing to him, repelled, as though he bore tions innumerable, themselves seem. about with him the reek of the shamingly long, enough for the most indus-

quaint excuses brought in to her by her pupils. She teaches on the East Side of New York, and her wards, who are of very humble birth indeed, hand her excuses written on paper boxes, magazine Two or three mornings after the arcovers, even wall paper.

One note said: "Excuse my so Gorg for been absent on previs occasion for he had no shews." Another said: "Please excuse Jacob

buying, and came till late." istrateur, wish yourself of excusing ma daughter because that she absented her- work in progress.

Danger. "How did Mr. Scadds make his

ney?" asked the inquisitive girl. "My dear," answered Miss Cavenne tion about any one. People will think the side of the Ladybird, proved to be you are writing for a magazine!"- composed of planks, beams and joists, Washington Star.

"The Golden Dustman." Its share of fame great wealth may

Acknowledge it we must. You're sure to fill the public eye If you've but got the dust. -Catholic Standard and Times.

No one tells the whole truth about

## for The Term of His Natural Life

went down the bay, and returned, after

sight of these last, came to the conclu

Island, where the "garden" was estab-

.cided that the Lady-bird had brought a

new commandment-his sight, trained

by his half-savage life, had already dis-

tinguished Mr. Maurice Frere and that

iese mysteries were "improvements"

under the new rule. When he arrived

ecture, assuming his first to have been

quence. Lieutenant Frere would be a

reached its height, so far as he was

abandonment of the settlement, and that

away the prisoners, Rufus Dawes de

of life which pressed upon him so heav-

death. He dared not recapitulate

his senses were deadened and dulled by

torture. He cared to remember only one

In vain had been his first dream of free-

the fruit of his labor. Instead of gain-

knowledge of his "treachery," while it

gained for him no credit with the au-

thorities, procured for him the detesta-

tion and ill-will of the monsters among

whom he found himself. On his arrival

at Hell's Gates he was a marked man, a

pariah among those beings who were

n a fever of excitement. In less than

three weeks from the announcement

made by Vickers, all had been got ready

The commandant had finally arranged

with Frere as to his course of action.

He himself would accompany the Lady

bird with the main body. His wife and

daughter were to remain until the sail-

ing of the Osprey, which Mr. Frere was

to bring up as soon as possible. "I will

can work her easily with that number.

Near Philip's Island, on the north side

ers to assist in the business of devasta-

tion, had left behind it some tools and

crew was sent to bring away the debris.

the convicts, towing it after them, pulled

for the ship just as the sun sunk. In

the general relaxation of discipline and

haste the raft had not been made with

as much care as usual, and the strong

current against which the boat was la-

though the onward motion of the boat

kept the chain taut, when the rowers

slackened their exertions the mass part-

to the side of the Lady-bird, saw a huge

log slip out from its fellows, and dis-

appear into the darkness. Gazing after

it with an indignant and disgusted stare.

as though it had been a refractory pris-

oper who merited two-days' "solitary,

he thought he heard a cry from the di-

would have paused to listen, but all his

attention was needed to save the timber.

and to prevent the boat from being

swamped by the struggling mass at her

The cry had proceeded from Rufus

decided that the moment when the gath-

ering gloom swallowed her up should be

the surge below him. The heavily in-

from him. Presently, only the figure of

attempt to swim, and for the first mo

caught him, and the shock of the icy

water dispelled the mental intoxication

under which he was laboring, he desper

ately struck out, and despite the weight

of his irons, gained the surface for an

instant. As he did so, all bewildered,

and with the one savage instinct of self

preservation predominant over all other

houghts, he became conscious of a huge

lack mass surging upon him out of the

darkness. An instant's buffet with the

current, an ineffectual attempt to dive

enenth it, a horrible sense that the

weight at his feet was dragging him

down-and the huge log, loosened from

the raft, was upon him, crushing him be

neath its rough and ragged sides. The

og passed completely over him, thrust

ng him beneath the water, but his hand,

scraping along the splintered side, came

that yet hung round the mass, and he

clutched it with the tenacity of a death

grip. In another instant he got his head

above water, and, making good his hold,

twisted himself, by a violent effort,

For a moment he saw the lights from

the stern windows of the anchored ves

sels low in the distance; Grummet Rock

disappeared on his left; then, exhausted,

breathless, and bruised, he closed his

eyes, and the drifting log bore him swift

ly and silently away into the darkness

At daylight the next morning, Mr

Troke, landing on the prison rock, found

it deserted. The prisoner's cap was lying on the edge of the little cliff, but

the prisoner himself had disappeared.

Pulling back to the Lady-bird, the intel-ligent Troke pondered on the circum-

stance, and in delivering his report to

across the log.

n contact with the loop of hide

flung himself into the sea.

rection in which it had been borne.

ed, and Mr. Troke, hooking himself

The logs began to loosen, and

boring assisted the negligence of the con

This party, hastily withdrawn by

timber, and at the eleventh hour a b

lazy dogs.

victs.

In the meantime, the settlement

pariahs to all the world besides.

his asservations of innocence.

himself what he had suffered.

ore severe commandment than Major

ncerned; so the unhappy man took a

at this point of reasoning, another con

correct, followed as a natural

Vickers. Now, severity had

By MARCUS CLARKE

CHAPTER XII.

"The old dodge," said Frere again. "Of course, I couldn't let him go; bu took him out of the chain gang, and out him on the Osprey. You saw her in the dock as you came in. He worked r some time very well, and then tried o bolt again."
"The old trick. Ha; ha! don't I know

?" says Mr. Frere. "Well, we caught him and gave him ifty. Then he was sent to the chain gang, cutting timber. Then we put him nto the boats, but he quarreled with he coxswain, and then we took him ack to the timber rafts. About six ceks ago he made another attemptgether with Gabbett, the man who early killed you-but his leg was, hafed with the irons, and we took him. labbett and three more, however, got

Just then some one came up the garn path and saluted.

"What is it, Troke?" "Prisoner given himself up, sir. Gab ett. He came back to-night. He's lown at the sheds. You can see him at

ace, gentlemen, if you like." It was not far to the sheds, and after few minutes' walk through the wood n palisades they reached a long ston ilding, two stories high, from which issed a horrible growling pierced with shrilly screamed songs. vood flagging, the noises ceased, and a ilence more sinister than sound fell on

Passing between two rows of warders. he two officers reached a sort of anteom' to the jall, containing a pine-log tretcher, on which a mass of thing was lying. On a roughly made obligation on the part of the student stool, by the side of this stretcher sat uct" prisoners. This man held beween his knees a basin containing gruel nd was apparently endeavoring to feed e mass on the pine logs.

> The intelligent Troke, considerably live to the wishes of his superlor offirs, dragged the mass into a sitting sture, and awoke it.

Gabbett-for it was he-passed one have to do with it. With this and the other objections removed and brutality great hand over his face, and, leaning exactly in the position in which Troke had placed him, scowled, bewildered, at lessened by wise regulations there will be a chance to get the benefits of a

"Well, Gabbett," says Vickers, "you've ome back again, you see. When will ou learn sense, eh? Where are your

"Dead," says Gabbett. "Why don't you eat your gruel?"

"I have eaten it. Ain't yer got nufbetter nor that to flog a man on? doubtedly the most civilized portion Ugh! yer a mean lot! Wot's it to be "A nice specimen!" said Vickers, with "What can one do

"I'd flog his soul out of his body,"

The giant raised his great head and man hands is the great wall. It is looked at the speaker, but did not rec-1,500 miles long; without break it ognize him. He saw only a strange "You may clambers up the face of precipices and flog, and welcome, master," said he, "if you'll give me a fig o' tibbacky." It was built before the formation of Frere langhed. The brutal indifference recaptured convict. Gabbett snatched

"How many mates had he?" asked invented China built the great canal, Maurice, watching the champing jaws asking the question as though a "mate" was something a convict was born with -like a mole, for instance.

"Three, sir." us, for they stand for no events and "Three, eh? Well, give him thirty

of their magnitude. He comes to un-much on account of his natural hideous-derstand that it has not been quite a ness, increased a thousandfold by the monotonous sameness, but that there tattered and filthy rags which barely have been wise and unwise rulers, covered him. Not so much on account successful and efficient dynasties, pe- of his unshaven jaws, his hare-lip, his riods of refinement and periods of torn and bleeding feet, his haggard cheeks, and his huge, wasted frame Not only because, looking at the animal, round the other, and one hairy arm

bles. "Come," said Vickers, "let us go back, I shall have to flog him again, I sup-A school teacher has a collection of call it 'Hell's Gates.'

"Halloo! what's that red light there?" "Dawes' fire on Grummet Rock," says Vickers, going in; "the man I told you about."

rival of the Ladybird, the solitary prisoner of the Grummet Rock noticed mys terious movements along the shore of the island settlement. The building of pier, or breakwater, running from the western point of the settlement, was for not to have because it was a hat discontinued; and all hands appeared to be occupied with the newly built A third, writen on a piece of wall Osprey, which was lying on the slips, paper, said: "Dear and honored admin. Parties of soldiers also daily left the Ladybird, and assisted at the mysterious

A fortnight after this, about the 15th self. Wish yourself to accept mine fe- of December, he observed another curilicitations.-Liane Pierre."-New York ous fact. All the boats on the island put off one morning to the opposite side of the harbor, and in the course of the day a great smoke arose along the side of the hills. The next day the same was repeated; and on the fourth day the boats returned, towing behind them you must never again ask such a ques a huge raft. This raft, made fast to all of which were duly hoisted up and

stowed in the hold of the brig. This set Rufus Dawes thinking. Could it possibly be that the timber cutting was to be abandoned, and that the government had hit upon some other method of utilizing its convict labor? He had hewn timber and built boats, and tanned hides and made shoes. Was it possible that some new trade was to be initiated? Before he had settled this point to his satisfaction, he was startled by another boat expedition. Three boats' crews Vickers mentioned the strange cry he broke,

has heard the night before. "It's my belief, sir, that he was trying to swim the bay," he said. "He must ha' gone to the bottom anyhow, for he couldn't five yards with them frons."

Vickers, busily engaged in getting un-der way, accepted this very natural suphad met his death either by his own act or by accident. It was either a suici attempt to escape, and the former conduct of Rufus Dawes rendered the latter explanation a more pro In any case, he was dead. As Mr. Troke a day's absence, with an addition to their rightly surmised, no man could swim the number in the shape of four strangers bay in Irone; and when the Lady-bird, and a quantity of stores and farming hour later, passed the Grummet Rufus Dawes, catching Rock, all on board her believed that the ion that the boats had been to Philip lished, and had taken off the gardeners and garden produce. Rufus Dawes de-

Dawes swam with the current that was running out of the bay. For some time the burden that it bore was an insensible one. Exhausted with his despersandy point, the extremity of which was lost in darkness. Painfully raising himstaggered to his feet, and, crawling a strong hinges. Strong, short hooks are few paces up the beach, flung himself placed in each side-board, as shown un-

final resolution—he would kill himself.
Ignorant that the sights and sounds the ground and slept about him were symptoms of the final When he woke up it was past midday, and the sun poured its full rays the Lady-bird was sent down to bring upon him. His clothes were dry in all places, save the side on which he had cided upon getting rid of that burden seen lying, and he rose to his feet refreshed by his long sleep. He scarcely ily. For six years he had hewed wood comprehended, as yet, his true position and drawn water; for six years he had hoped against hope; for six years he had escaped, it was true, for long. He was versed in the history had lived in the valley of the shadow of of escapes, and knew that a man alone on that barren coast was face to face with starvation or recapture. Glancing up at the sun, he wondered, indeed, how was that he had been free so long thing-that he was a prisoner for life. Then the coal sheds caught his eye, and he understood that they were untenant om. He had done his best, by good ed. This astonished him, and he began onduct, to win release; but the villainy of Vetch and Rex had deprived him of to tremble with vague apprehension. En tering, he looked around, expecting ev ery moment to see some lurking consta-ble or armed soldier. Suddenly his ing credit by his exposure of the plot on board the Malabar, he was himself glance fell upon the loaves which lay deemed guilty and condemned, in spite of in the corner where the departing con victs had flung them the night before. At such a moment, this discovery seemed like a direct revelation from heaven. He would not have been surprised had keeping the board in position. There other age, he would have looked round side of the box and booked underfor the angel who had brought them.

(To be continued.) A JOURNEYMAN BARBER.

This Tonsorialist Makes Good Income Every Morning.

There's at least one barber in Washears turned to the word "next," says chine and its contents while it is in the New York Post.

This barber doesn't work in a shop, nor has he any establishment of his poultry business on a scale of considerleave you a corporal's guard, and ten prisoners as a crew," Vickers said. "You own. He's a peripatetic barber, and able magnitude the better plan is to he averages something like \$8 or \$10 prepare a cellar expressly for the work, for four hours' work a day, wears diamonds, and is a perpetual mystery and sometimes catch on fire, and then the To which Frere had replied that he could do with five prisoners if necessary, for he knew how to get double work out of the a source of puzzled envy to the barbers with whom he formerly worked in hotel barber shops.

of the harbor, is situated Coal Head, where a party had been lately at work. He is literally a journeyman barber. He carries the tools of his trade around with him, suspended in a case from the handle bars of a bicycle, and he might easily be taken, to see him on his rounds, for a rising young sur-The tools were duly collected, and the geon

He shaves men in their rooms-men who are not quite able to have valets, but who are willing to dig up a half dollar every day for the sake of making their initial appearance about noon, shaven, shorn, done up, and groomed-

A considerable number of his cusomers are army and navy officers livng at clubs, but he has also a clientele of luxurious civilians. He starts out on his rounds at 8 o'clock in the morning, and by 10 o'clock he has shaven cozy leds. When he finds his earlier prominent government officials, who report at their offices at about 10 c'clock in the morning-he does not lathers and shaves them, and he says that plenty of his customers don't pruning at all. wake up at all while they're being shaved. He says that in the course of a couple of weeks' practice any man may easily learn how to remain in the kerria, mock orange, Philadelphus, bar-

Dawes. From his solitary rock he had land of Nod while being shaved. watched the boat pass him and make When he finishes with his earlier for the Lady-bird in-channel, and he had patrons he glides around among his customers who dawdle in their rooms the moment when he would plunge into in dressing gowns until about noon. He has a regular hour for each patron boring boat grew dimmer and dimmer, as each tug of the oars took her further and always sticks to schedule time keeping none waiting. He gets half a dollar for a shave and \$1 for a hair-Mr. Troke in the stern sheets was visible; than that also disappeared, and as cut. Those of his patrons who want the nose of the timber raft rose on the hair-cuts notify him a couple of days swell of the next wave. Rufus Dawes in advance, so that he can arrange his schedule. By 1 o'clock in the after-He was heavily ironed, and he sunk noon this businesslike razor-wielder like a stone. He had resolved not to has done all his day's work, and then you'll see him, a picture of grooming ment kept his arms raised above his head in order to sink the quicker. But and a sort of glass of himself, strollas the short, sharp agony of suffocation ing on F street any fine afternoon, "staking the girls to a treat."

Miss Deery's mother came into the oom rather suddenly, and Mr. Spooneigh endeavored to cover his embarrassment

"As I was just saying," he began in formally conversational tone. "Why, no you weren't, George!" interrupted Miss Deery, hastily, "You were speaking of football-don't you heavy suit and a fur overcoat, and after remember?"-Cleveland Leader.

Unwelcome Contents. "I see you carry a heavy stock of eggs," remarked the caller. "Is there pect a horse to be in perfect health if anything in eggs."

"Well," replied the truthful grocer, there was something in the consignment that came in last week." "Indeed! What?" "Chickens."

At Bacon Bridge. Drummer-Why are all the natives of this village out this morning?

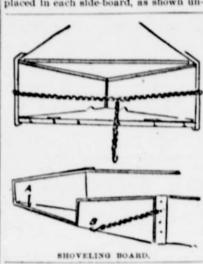
new callihope whistles coming down was on the way. "Seeing Gotham." Gunner-So you went to New York

bent? Guyer-Worse than bent.



O Farm Wagon Attachment.

A well-constructed shoveling board attached to the wagon box is a great corpse of its late occupant was lying convenience when unloading ear corn, beneath the waves that seethed at its root crops or any similar thing. The illustration shows a simple, practical The drifting log that had so strangely idea, the lower picture showing the served as a means of saving Rufus board lowered for use and the upper one inch narrower than the width of ate struggle for life, the convict lay the inside of the wagon box and is atalong the rough bark of this heaven- tached to the latter with strong hinges; sent raft without motion, almost without the board may be the same width as the breath. At length a volent shock awoke sides of the wagon box, or wider, if him to consciousness, and he perceived desired. The side-boards A and B are self from his uncomfortable posture, he box where they are attached with



der letter A, and an eye in the shoveling board just under the book, thus they disappeared. Had he lived in and is a light iron chain support at each neath,-Indianapolis News.

Making Incubator Profitable. The incubator has passed the experi mental stage, and is no longer a ma chine of chance results. Any one with a reasonable amount of common sense ngton who doesn't have to keep his and the ability to take care of the maoperation will be rewarded by success. If one is in a position to go into the for, perfect as they are, incubators loss of the building they are in generaally follows. The cement building blocks which have recently come into use offer the means to construct an incubtor cellar in any section of the country at moderate cost. Brooders, too, must be added, and there should be a structure for the brooders; so that the early hatched chicks need not be turned out of doors to get wet or catch cold. incubator cellar in any section of the bought for \$10, and with it one can get all the experience needed to enable him to operate those of larger capacity a

> When and What to Prune. This list of plants and shrubs, with their requirements in regard to the

used only as a makeshift.

second season. The incubator and the

brooder are essential in operations of

considerable size, the sitting ben to be

about ten men as they recline in their pruning season, is especially timely and helpful. It has the weight of authoricustomers asleep—some of them are ty, as coming from a practical gardener. There is a right time and a wrong time to prune each plant, but few

wake them up, but goes ahead and amateurs can distinguish between them. Also certain trees do not need Head back immediately after bloom

ing: Kalmia latifolia, diervilla or wiegelia, azalea, forsythia, snowball, berry, most woody spireas. Head back when dormant: Roses

celmatis, spirea sorbifolia, hydranngea Large flowering trees not requiring pruning: Aesculus (horse chestnut). sorbus sambucifolia, catalpa, sorbus Americana (American ash), lirioden dron (tulip poplar), pavia, sorbugrandiflora, pyrus aria (white bean tree), sorbus elanocarpa, robina, cladrastis, tingtoria (Virgilia tree), sophora, sorbus ancuparia (mountain ash).

The clipping of a horse in the early spring is now conceded by all the leading veterinarians to be as essential to his well being as shoeing him or giving him a comfortable bed to lie on. A crippled horse dries out rapidly after a hard day's work and will rest com fortably and be refreshed for the next day's work. An unclipped horse is it able to catch the heaves, pneumonia and all sorts of colds, etc., because the moisture from perspiration is held by the long hair and chills the body.

A man would not expect to enjoy very good health if he did hard manual work clothed with heavy underwear, a perspiring freely, as he naturally would, go to sleep without removing same. It is just as ridiculous to exworked under the same conditions.

If you would get the best returns from your investment in your horse. treat him right, and be sure to clip him in the early spring.-Horse Re-

Don't Set Berry Plants Too Soon.

If the strawberry plants are set in

the cold moist soil they are likely to rot at the crown or, if this does no Uncle Silas-Why, by heck, they result, they will make no growth to heard an automobile with one of those speak of. Wait until the soil has dried out some so that it is mellow and easi the road and thought a circus parade ly worked; have the plot in good condition, well worked so that the soil is setting out the plants.

Is Your Dairy Farm a Success? Are you making all there is to be made in the dairy business? If not, why not? This is a question which every dissatisfied dairyman may well ask himself. When a business man or manufacturer finds his business is not paying to suit him he seeks for the causes of loss and strives to eliminate

If we investigate we shall find that the successful dairymen attend to every little detail that affects their business They look at everything from a business standpoint, save wherever anything can be saved, and discard ani-

mals or methods that don't pay. If you are not one of the success ful dairymen, look around and see why you are not. There is a reason for everything, and when you know the reason you are in a position to remedy the trouble. If you have no liking for your business, the sooner you change to something you do like the better it will be for you and those dependent upon you. Have you tested your cows individually and discarded those which show by their own performance that they are not profitable? The Babcock test and the scales will show which are profitable and which are not, and it is sheer shiftlessness not to apply such a test.-Indianapolis News.

Improving an Old Orchard.

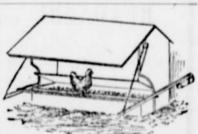
It is often the case that an orchard in middle life is found to be no longer profitable, mainly because a mistake was made in the selection of the varieties in the beginning. In such cases the orchard may be made profitable again by top-grafting the trees. This is not a difficult task, provided it is properly done and the union between the branch and the scion is perfect. As a rule branches not over an inch in di ameter are the best to work this way. Of course, it is understood that the scions would be much smaller in diameter than the parent stock, so the plan is to insert two on each outer edge. The main thing to observe is to be sure that the bark of both scion and parent stock is in perfect line, so that the flow of sap may be perfectly free. Care must also be taken that the space between the scions and the parent stock made by the chisel be filled with the grafting wax, as well as any other spaces in which the air may get. It is not customary to leave both of the grafts, but to cut out the weaker one if both grow. This work is interesting and really very simple if one gets the knack of it, and it certainly pays with an orchard that is not too old if care is taken to obtain scions from known bearing trees of the best sorts.

Do Not Overpet the Young Stock.

One of our contemporaries says make the calf the family pet." In the opinion of the writer and of other dairymen of long experience this would be one of the worst mistakes that could be made. The calf that is the pet of the family is more than likely to be used by the children for many purposes for which it was never intended. By all means treat the calves that are to be raised kindly, handle them considerably and pat them caressingly oft en, but let the petting stop here, for if it is played with by the children, running and Jumping with them, being harnessed up with strings as children pacity and sold at a low price. A 50- are quite likely to do, it becomes a nudent, noses around where it has no ousiness, and, if its horns are allowed to grow, becomes dangerous later on. Such a calf will invariably try to "boss" the berd after it gets old and strong enough, and is a nuisance generally.-Exchange.

Self-Feeder for Poultry.

A perfection feed hopper is shown n the cut, says the Orange Judd Farmer. It is eight inches wide, two and one-half feet high, and three feet long. The roof projects over the perch on which the fowls stand while feeding. The method of constructing the perches and the weight and attachment to the lid over the grain is clearly shown in the picture. The weight on the arm



FEED HOPPER FOR POULTRY.

should be adjusted to the size of the fowl. This box may be made of any ength desired, but the height and width are about right.

Changing Lots for Swine.

Where swine are raised in sufficient numbers so that they are herded in small inclosures, it is essential to change these lots yearly if one would avoid the danger of cholera or other diseases. The way to accomplish this to the best advantage is to have the swine distributed in small colonies, each with a movable house. Have the lots of double size, using one-half of each lot during the early part of the season and the other half at the latter part. This will carry one through the season with little danger of trouble, and then these lots should be abandoned for swine, being cultivated the next year and new lots provided for the swine. This is considerable trouble to be sure, but there is no way more certain to avoid disease than this. Particularly is this plan valuable in sections where the soil is inclined to be heavy so that the filth made by the swine does not drain into the soil readily.

Freezing in Warm Air.

The freezing of leaves and buds on lear spring nights, when the air temperature is above freezing point, has een superstitiously looked upon as an effect of the moon's light. An English experimenter finds that, while all objects have the temperature of the surcounding air on cloudy nights, rapid free from stones and clods of earth and radiation may produce a difference on the plants can be easily set and will clear nights, and a piece of cotton provon pleasure bent, eh? Did you get begin to grow uninterruptedly so that ed to be at times six and even eight deone will lose no time by waiting until grees colder than the air. Plants may the soil is in perfect condition before be similarly chilled below freezing with the air above.