et not Ambition master thee,
But be Ambition's master;
hus will Power thy servant be,
And not thy soul's disaster.

—The Criterion.

BY ELIZABETH MCCRACKEN.

Mrs. Dale's fingers trembled, and. her lips trembled, too, as she stood before her mirror, tying her bonnet strings and pinning her veil. Amy had usually tied her bonnet strings

and pinned her veil. It was almost a year since she had one day folded Amy's hands and alipped into them the last flowers that they ever would hold in the world. but she had not yet grown accustomed to doing for herself all the little things those once busy hands had done for her.

During the time that was almost a tear she had missed Amy with that seliness with which a mother does miss the daughter who goes away into the great, strange silence just when the is old enough to be her mother's best friend as well as her child. Mrs Dale missed all those things that had made up Amy's life, and, perhaps most she missed the little things that Amy had done for her, and that now she did for herseif.

Then, too, Amy had been her only daughter. Mrs. Dale's two sons were in college, and her husband was away from home all day. She had many interests and many duties, too, yet she was very lonely. She was much more ely without Amy than even her husband or her sons could know.

As she stood before the mirror, tying her bonnet strings and pinning her veil, her heart was even heavier than ally was. The next day would be Amy's birthday, and instead of preparing gifts and surprises, Mrs. Dale was about to go into the city to buy most beautiful flowers she could and to lay on the girl's grave. Amy loved flowers, and the next day would be her first birthday in that other world, that world in which her's are never left lonely.

Mrs. Dale was thinking all this to elf as she went into the city on the trolley car. It was September, was afternoon. The car went fields beginning to turn brown, to show among their green sometimes a red leaf or a leaf of bright gold. he sun made the leaves all the Diffenday had fallen on one of the mystic days that come just

tember slips into October. mother thought of that, too. ught of so many things about which Amy had been glad. She was a little less sad and lonely as she rered some of them. She thought and remembered all the time that she was in the trolley car, and even after the was in the city, and walking along the crowded street to a florist's shop on one of its corners

When she reached the florists shop she stopped, and stood looking at the fowers in the shop windows.

What shall I get?" she sail to herways loved them. Or violets-it is er early for violets, though. Or lilies-I might get lillies."

For a moment she almost forgot that she was not buying them to give into Amy's eager hands. She was not very rich and she began to consider. She compared in her mind the numher of roses with the number of lillies the might get. She decided upon the

They are aweeter and simpler for young girl like Amy," she said to nerself, gently.

She turned away from the windows, ing up the street towards her one and waited. She had always been Amy died. very friendly with the girls, and now she felt even a greater interest in them. She had especially liked Elean-

The girl was coming so rapidly up the street that she would have passed florist's shop without seeing Mrs. | quick lading flowers. Dale if that lady had not spoken to

My dear Bleaner, you certainly are in a hurry," she said.

Eleanor came to a sudden stop, "O alad to see you!" She took Mrs. Dale's hand and held it for a moment, Eleanor had loved Amy, and she, too, had been lonely without her. She, loo, remembered that the next day would have been Amy's birthday. She said not a word, but she held Mrs. Dale's hand very closely, and looked into her eyes; and Amy's mother un-

deratood the unspoken sympathy. speak very often of the daughter who | cers.

"I am very well," Eleanor said, "an! your home?" very busy. I read the history of as usual, dear Mrs. Dale." She smiled | These here ones break into little bits

Prompted by the thought, she asked | for thicker! "-London Answers, gently, "Are you happy, Eleanor

Yes—usually I am. Just at present I by Prof. Parrot of Riga.

am sighing for the luxuries of life." Mrs. Dale was relieved. She knew that Eleanor was too sensible to sigh very long for anything. "What do you mean by the luxuries of life, dear?" she asked.

"Now really, Mrs. Dale!" Eleanor protested brightly; then, with more color in her face, she added, "Just now they are the eight concerts that the

cause I can't afford to go, Mrs. Dale. I'm not; I'm just croaking a little, pay in winter. It's such a help to any one to hear good music, especially to a music teacher,-and such a joy! But I'm

croaking any more since I've seen "You dear child!" exclaimed Mrs. Dale, warmly. She knew that most of the other things that Eleanor did were done for other persons, and done will. ingly and bravely. "You dear child!" she repeated.

Eleanor pressed her hand closely. I must fly to my next pupil, Mrs. Dale. May I come to see you tomorrowperhaps late in the afternoon?" she whispered.

The quick tears came into Amy's mother's eyes. "Yes, do!" she said. Good by, my dear!"

Eleanor sped up the street to her next pupil, and Mrs. Dale turned to enter the florist's shop and buy the white roses

thought, "so brave and unselfish! It sides of the old stalk, and you will is a pity she can't go to those concerts. be surprised to find what nice bushy They would give her such help, and plants you will have in a short time. such happiness, foo! I wish I could Geraniums, coleus, begonias and pelargive her a ticket to them. Amy would goniums are benefited by such prunbe so pleased; she loved Eleanor. If ing. Long branches of wandering jew to-morrow were not Amy's birthday. may be put into a bottle of water and and I were not going to get the flowers hung behind a picture so that the vines for her grave, I should be able to lo will twine about it, making a pretty that for Eleanor. She would let me decoration while the roots are formbecause I am Amy's mother, I won- ing and the little branches are start-

She stood quite still. A pleasant mist, new possibility came into her mind. She turned away from the florist's shop. In less than an hour she was going home, past the yellowing fields and sun-lighted trees. She had no flowers with her, but the look in her eyes was less sad and less lonely for Amy.

ad between lines of trees beginning she wrote a little note to Eleanor. The sown at the same time, that is, as early girl wept tears, half happy, half-sad, in the spring as the ground can be as she road -

righter, and it gilled the brown fields MY DEAR CHILD: To-morrow, as Amy had always been so were here I should give her something to celebrate it. Amy is not here, but you are dear; and you are a girl like Amy, and her friend. Will you not

AMY SPENCER DALE.

a ticket to the Beethoven society con- poor hay, especially if not cut quite happily, but after it had gone she set curing, but if cured as we would cure alone in the gathering twilight, wish- clover, mostly by sweating in the heap. ing that she had just one flower to it makes a hay that is much relished take on the next day to Amy's grave, by horses. Some sow the clover and self, "Roses, white roses; Amy al- "Amy would have liked me to do orchard grass and add about five that," she thought, "but still-on her pounds of white clover seed to the first birthady-"

> just at that moment little Marjorie make a pasture of it. This is a very Williams, who lived next door, came good way, especially if the field is one running in.

"O Mrs. Dale," she cried, "I've been to the woods with father, and I've brought you some flowers!" She ran up to Mrs. Dale, and dropped into her arms a great mass of golden rod and blue autum dasies. Then she kissed her and danced away home.

Mrs. Dale gathered the golden rod and dusies in her arms, and pressed and was just about to open the door her cheek softly against them. The the dead season, for they cannot flee of the florist's shop when she saw next morning she took them and laid them on Amy's grave. Strangely her safety apply for their destruction, and of Amy's girl friends. She paused heart felt lighter than it had felt since

She did not know why, but when Eleanor came, later in the day, and kissed her again and again, and thanked her with wet eyes for the gift, slie began to know. Never after

Instead, at Christmas, and at Easter and on Amy's birthday, she did some lovely kindness for some other girl for Amy's sake. Sometimes it was small, sometimes it was large; but always it Mrs. Dale, dear Mrs. Dale, I am so was something that made the girl been found effectual in removing the happier and better, and consequently rough decaying bark under which the more valuable to the world.-Youth's Companion.

A Battersea workingman was once possessed of a notoriously bad tempered wife, who did not scruple, when soda in water; then one pound of the fit selzed her, to lay violent hands upon her patient spouse. One fine day he was observed by a friend, who "How are you, my dear child?" was saw him entering a crockery shop lad- pound of agricultural trencle, stir well, all that she said, for she did not yet en with an armful of cups and sau-

"Hello, John!" he cried. "Selling up

"No," responded John, "but I really state and the trees still safe from inmusic and teach children music-just | couldn't stand the expense any longer. just a little wistfully, Mrs. Dale at once when my wife throws 'em at me, and so I'm going to change them

Eleanor hesitated for an instant, by exploding bombs among them butter of the best flavor, it would and then she smiled again and said, was suggested nearly 100 years ago seem that it would not be necessary



Feeding animals only to keep them Beethoven Society is going to give." over winter is not profitable. Every Mrs. Dale smiled in sympathy, animal should be so fed as to make a They are certainly the greatest of gain. It is a loss of time to feed in luxuries to music lovers," she agreed. Winter simply to hold an animal over "And to music teachers who must until it can be turned on the passpend their money for-other things," ture. There is no reason why the Eleanor added, with a laugh. "Please farmer should sacrifice the winter don't think I am really unhappy be. Fronths. Warm quarters and proper food should make animals gain and

Feed Digestible Fonds.

It is possible to give an animal an not unhappy about it; I'm glad I can abundance of food and yet not supply do other things. I don't feel a bit like its wants. It is the amount of digestible matter in foods that fixes their value. When hogs have a desire for coal, charcoal, rotten wood, etc., the indications point to a possible lack of something required, which may be the mineral elements, especially lime. The feeding of wood ashes or ground bone would no doubt satisfy the desires of the animais. The food should also be improved by the use of branand ground oats.

Slipping Plants.

In taking slips from plants for rooting many persons take off the young branches from the sides and base of the stock, forcing it to expend all its energies in sending out new growth from the top, and the result is a "scraggy" plant. Try taking your "Eleanor is a dear, good child," she leaving all sprouts at the base and ing out along the stem .- The Epito-

Orchard Grass.

Those who have sown orehard grass along with clover on land adapted to its growth have usually been well hatsefied with it, as the two are fit to cut about the same time, or much nearer together than either of them with tim-In the last few moments of daylight othy. They also should have the seed made fit. As its name indicates it grows well in the orchard or anywhere oo, and made the trees cast long you know, is Amy's birthday. If Amy in the shade, and it likes a rich, sandy loam, deep and moist. On such soils starts early in the spring and grows rapidly, thus it makes a good grass for a permanent pasture, but when the take the gift for her, and go and listen unbie for hay, as its rapid growth ento the giorious music that you so love ables one to get two or often three self and others? Come to see me thickly, say three bushels when sown soon, and believe me. Your warm alone, or two busheds with 15 pounds red clover seed per acre when they are grown together, as if sown thin it Slipped into the note Eleanor found makes a coarse straw, that is rather certs. Amy's mother had sent it very early enough. It needs considerable above mixture, mix together well, and She did not finish the sentence, for after cutting the hay one or two years that the blue grass and red top will come in naturally.

Winter Washing of Fruit Trees.

The winter season offers the fruit grower his opportunity for wreaking vengeance on the insect enemies which play such incalculable havoc with the fruit trees in the summer months. The insects are practically at his mercy in from the deadly poison he may with if the owners of orchards care to exercise their powers of quelling infestation at the proper time and in the proper way then can largely diminish if not entirely remove the risk of harmful insect attacks. The board of agriculture has prepared and is circudid she cover Amy's grave with coatly with this subject which is deserving

of thoughtful attention. As is well known the insects hibernate in the broken bark of the trees, and the course of treatment proposed is the wanhing of the trees with caustic alkali wash, the use of which has insects shelter, and at the same time in destroying the eggs of noxious insects. The directions given for the preparation of the wash are: First dissolve one pound of commercial caustic crude potash in water. When both have been dissolved mix the two well together; then add three-quarters and add sufficient water to make up to 10 gallons. The best time to apply is about the middle of February, when the eggs are in a more susceptible Jury.-London Post.

Trained Buttermen Needed.

A feature requiring more attention

it is one of the things which the but HOMES OF THE BEAVERS. sature as absolute safety to visit very few of the buttermakers throughout the country are graduates of our FAST DISAPPEARING SEFORE THE dairy schools, there are not many of them who understand the influences that affect the flavor of butter. They have learned buttermaking in a mechanical way and go through the proshould occur to interfere with the The beaver is another of the anishould occur to interfere with the working of these general rules they find themselves at sea. There is nothing more difficult to understand than the production of flavor in butter, but in most of our dairy schools the principles of producing it are taught in ciples of producing it are taught in the company of the united States he is already but a such contract of the united States he is already but a such contract of the united States he is already but a such contract of the united States he is already but a such contract of the animals which are fast disappearing before the barbarian vanique of the animals which are fast disappearing before the barbarian vanique of the animals which are fast disappearing before the barbarian vanique of civilization. From a common ani widely distributed animal, he has become rare and local, and in most parts of the United States he is already but a ciples of producing it are taught in such a way as to place it almost completely under the control of the buttermaker. The buttermaker finds it hard, unless he has studied his work at a school where principles are taught to adjust himself to conditions and consequently some of the bad butter which is produced is traceable to his lack of information as to the best method of treatment. We would naturally expect, from the fact that few of our buttermakers are graduates of dairy schools that considerable diffeculty is experienced in testing the of dairy schools, that considerable dif-ficulty is experienced in testing the has left lasting monuments to his in-much of it because we do not have ficulty is experienced in testing divided in the string monuments to his inmilk. Every well equipped creamery
at this time has a Babcock milk test,
and waterfails, and his name will all price being so high we are able to tant features of the factory. If a but-termaker is incompetent in this direction he is sure to have lots of trouble. as it is quite common for farmers to what of a woodchuck, though he is become skeptical about their test even larger than either of them. In length quirles come to us along this line askobtained, as the patron did not think that his factory was giving him a fair test. It may be said here that the dairy commissioner makes such tests and the creamery departments of the various experiment stations are also willing to make tests of this kind. This is work however which should be for his blunt nose to the last dozin years sheep raisers have discovered discovered a means of forcing their products just as the vegetable fruit and flower growers have discovered how to give us strawberries, peaches, corries and radiance and other delivations on the midst of winter.

This is work however which should be root of his tail. His body is roughly discovered a means of forcing their products just as the vegetable fruit and flower growers have discovered how to give us strawberries, peaches, corries and radiance and other delivations of this kind. This is work however which should be root of his tail. His body is roughly discovered a means of forcing their products just as the vegetable fruit and flower growers have discovered how to give us strawberries, peaches, corries and radiance and other delivations are also willing to make tests of this kind. This is work however which should be root of his tail. His body is roughly discovered a means of forcing their products just as the vegetable fruit and flower growers have discovered how to give us strawberries, peaches, there were the products just as the vegetable fruit and flower growers have discovered how to give us strawberries, peaches, the products just as the vegetable fruit and flower growers have discovered how to give us strawberries and other delivations are also willing to make tests of this kind. ing where an official test should be This is work, however, which should be acceptably performed by the butter. the ears short an i rounded. The fore troduction those was like good food. maker, and the fact that there is so feet are short and slender, but the and have the money to pay for what

Growing Trees to Withstand Drouth. better deep rooted trees and growing and broad, and its horizontal outline in Kentucky. Missouri and souther plants stand a drouth than those which is almost a perfect eclipse, about a Kansas. are shallow rooted. The tendency to foot long and three and a half inches "Within the last two years seve root in any particular way is largely wide. It is about an inch talck and an inherited characteristic in the va- covered with angular scales. It is Island have started in, and I underroot deep. There are no fruit trees so there is danger in the wind. far as I know, and but a few kinds | The beaver's chief title to distinct about Easter or a little before. their roots extend to a perpetual was neer, which is perhaps unequalled by raisers along in June and July pac so pruned and trained that they will a body of water, usually a small, clear graze. The cold nights there haster send their roots deep down, and the river or brook, they first of all make the mating, and the sheep are brough deeper rooted the trees become the a dam, which throws the water back, south about the first of December

healthier, the longer lived and the flooding the surrounding land and Shortly after this the lambs are born more productive they will average. creating a pond, the site of a future the same kind of root, if planted in small stones, moss grass and the hot houses are usually long rambling California, will stand a drouth which branches of trees which have been buildings with a southern exposu would kill its fellow planted in New cut down by the sharp and powerful having in most cases glass in the Jersey, with its ordinary root sys- incisor teeth of the beavers. The sides and roof, tem. This fact leads me to inquire if branches form the frame work of the there is not some way by which trees dam, and the mud, stones, moss and the lambs to get a good supply of so may be induced to root more deeply. grass are plastered in between the lar heat on clear days. They are The chief cause of the difference is sticks, forming a strong water-tight kept from the cold winds, and this that in California the soil about the or- structure. Such a dam is sometimes | helps fatten them. chard trees is kept well cultivated, and eight feet high and almost a quarter each wet season the ground is deeply of a mile in length, extending far beplowed, thus all the surface roots and | youd the original banks of the stream. rootiets are cut off. The moisture it is perhaps ten or twelve feet wide. Did you ever notice how a flock of during the growing months is sup- at the bottom, but much narrower at sheep ramble about when they are plied by a deep furrow system of ir the top, as the sides slope loward each grazing? So in the hot houses the rigation, so the water is sent well other. down into the ground and the roots In the pond thus formed the beavhave no need to come to the surface ers make their lodges or houses, great for water. Indeed the top soil is kept dome-shaped structures, six or eight so well cultivated that there is always feet high, and some of them from a dry layer of earth of several inches twelve to twenty feet in circumfer-

the roots to go deeper than were na- the wood intended for winter food and then soon after the young grass ture let alone, and always, so far as without danger of its being frozen in, ment been attended with satisfactory out, even when the ice is thick upon results. If the main roots of a young the pond. The tops of the houses are are not permitted to graze on it or nursery tree are pruned square across made of branches matted together and they would everent themselves. ly start near the point of amputation, when this is all frozen together it and their growth is usually at right forms an almost imprognable fortress. angles to the root from which they | Sometimes as many as ten or twelve oblique face of the cut jurned down- thrifty habits to work their destrucward. Then if in addition to the proper tion. After breaking down a portion initial root pruning, the orchard be of a dam they would sometimes hidoplowed and cultivated, if not as free in silence until the little citizens off the surface feeders, then the tree cold blood. At other times they would will depend more and more upon its set steel traps under the water, and deep roots. It would not be well to the swimming beavers would be allow too long an interval to clapse caught by the leg. In the struggle for between these root prunings for the freedom which followed, the limb was removing of a considerable quantity frequently torm off and beavers with would be a severe shock to the tree, one or both of their front legs miss-Hetter do it often.

on the part of buttermakers is that there are none of these upon which mon garden vegetables.

VANGUARD OF CIVILIZATION.

How the Little Fellows Build and Live in Harmony-thief Title to Distinction Rests on Their Ability as Engineers-

be graduates of dairy schools.—Wis- animal in place of hands, while the

rious varieties of trees or plants, but used by the beaver as a ruider to stand they have made money at it. partly a matter over which man has guide him while swimming, not as a But by far the greater amount of the some control. There are conditions in tray on which to carry building mate- lamb that comes into the market here which moisture is so frequently sup- rials, nor as a trowel to plaster the comes from Kentucky. plied by rain, or where the water from walls of his dwelling, as some old below comes so near the surface of writers would have us believe. The sheep in temperate climates is fust the ground that it is impossible and beaver also uses it to slap the water after cold weather sets in. The unnecessary to try to make the trees as a signal to his companions when lambs are then born in January and of nut-bearing trees, which do well if tion rests on his ability as an engi- "But the Kentucky and Misso tor strata. But on ordinary soils, and any other four-footed creature. When up their breeding ewes and shi under usual conditions, trees may be a colony of beavers take possession of them north to hichigan and Canada to

The trees from the same nursery, on beaver city. The dam is made of mud, | south are kept in hot houses. These

in thickness, which prevents the ra- ence. The doorways are under the water, and in front of each the bear- land. From experiments which have been ers scratch away the mud, forming a made in the east it is possible to force deeper channel that they may sink have investigated, has the experi- and that they may pass freely in and a number of small rootlets immediate plastered with mud and moss, and

riginate. Now if in place of a square | beavers occupy a single lodge, each cut, a fresh very oblique cut be made with a separate bed near the walls, the tendency is for a single main and each sharing this laborious work sprout to grow, and in the same direc- which is necessary to the welfare of tion with the root from which it start- every beaver community. When an ed. It is evident if this rule holds accident happens to a lam or to one true, that a deeper rooted tree can be of the houses, the little animals are obtained by pruning the tap root or quick to repairit, realizing apparently, roots in this manner. The side roots the value of "a stirch in time." Huntshould be similarly prined and the ers used to take advantage of their quently as is the custom in California, turned out to repair the damage, and at least once in a while, so as to cut then shoot the beautiful creatures in ing were of quite common occurrence. Deep rooted trees do not respond as The chief food of the beaver conquickly to fertilizers, but on the other sists of the tender bark of young hand they do not make known a want trees, particularly that of birches and as quickly. There are always a suffi- willows, but he also eats aquatic roots eight number of small roots to take in and bulbs, and in emptivity he has the food or water, and the fact that shown a liking for many of the com-

of cleanliness in their creameries. As the tree largely depends will be a guar. Yesterday I paid a visit to the bear. The plan of destroying hall clouds this feature is so essential to making antee that year in and rear out the ere in the Zoological Garden at the deep root system is best. The experi- Bronx Park, New York, where most

will permit. Here these interesting animals have cut down trees, damin the stream assigned to them, and built their lodges with as much confidence as though they had been free in the willis of Maine or Canada.

Young beavers are usually born in April or May, but sometimes as late cess according to rule, but if anything They Have Exceedingly Tariny Habits. as July. There are generally from two to five little ones in a litter, and about a month after birth they begin to follow the mother in the water, I have not jet seen very young beavers, but I am told that they are born with their eyes open.-Hartford Times.

In appearance, the bettver reminds what we have on hand the loss of us somewhat of a muskrat and some one carcass knocks the profit off a considerable consignment.

"All spring lamb now in the market he measures something over two fe t. is known as hot house lamb, In the from the tip of his blunt nose to the last down years sheep raisers have

much trouble over it simply indicates hind feet are large and web-bed to they want were satisfied to eat their that more of our buttermakers should the toe name. The former serve the first spring lamb about Easter time. "How to raise hot house lambs was latter are the propellers which urge first discovered by raisers in New him through the water. But the most | Jersey. They had a monopoly of the poculiar part of a heaver's anatomy market for a while. Then the busi-It has long been noticed how much is his tail. This appendage is flat ness was taken up by sheep raisers

raisers on the eastern end of Long

February, They are ready for market

"These buildings must be large, for you cannot confine sheep in a small sheep must have plenty of room. "The Kentucky raisers have also an

interesting way of getting good foor for the awas. Wherever possible they have small streams on their places These streams are banked up so that the water will overflow the grazing "After the water has covered the land for a day or two it is run off.

springs up fresh, green and tender, just as in spring time. This gram 's then cut and fed to the ewes. They

"This grass gives the ewes rich milk, and it hastens the growth of the lambs. The lambs are most suitable for market when they are three months old, though some raisers aend them when they are a week or two younger."-New York Sun.

The South American Cowboy, As the firelight shows them in the darkness of the hour that precedes the dawn, they are swarthy of complexion, dark-eyed, slight of figure clean of build. They remind you of Clypsies, also of Moors, and in their veins flows the blood of the Indians who once owned the pampa and lost it to the Spantards. There is Spanish blood in them, too. The flourish with which he touches his hat, the grace with which he waves you to a stool made of a low skull, the grave hospitality with which he hands you the teacup, the politeness with which he receives your remarks about the weather-everything about him when he is at his best has a Spanish suggestiveness. But still the gaucho is not a Spaniard. The pampa looks out of his eyes, in in his voice, his dress his manner. The wilderness speaks to all who love it and teaches them

It is calculated that in London seem that it would not be necessary ment is well worth trying.—Charles E of the animals are kept under conditions to even mention it, but the fact that Richards, in American Agriculturist. alone there are discharg d into the at-

World's Work.

things which make them different from

other men.-William Bulfin, in the