

FARM, GARDEN AND HOUSEHOLD.

Farm and Garden Notes.
There is no surer way of destroying apple-tree borers than to dig them with a pointed knife and to kill them when found. If they are high up they may be crushed with a wire pushed up into the holes. Coal ashes spread around the trees are beneficial. The wounded parts may be covered with a mixture of fresh cow dung and clay.

The experience of sheep growers is that it is folly to keep old sheep. They should be given over to the butcher in their prime. Four sets of lambs is all that a ewe should bear. She will then be five years old, and can be readily fattened for the block.

For fodder corn, rich land is best. Sow in furrows or drills two and a half feet apart. Run the cultivator or double-shovel through three or four times. Cut as soon as the base of the stalks begin to turn yellow, or as soon as small nubbins appear on the most advanced stalks.

Professor W. J. Beal mentions in the Rural New Yorker, that a person with poor soil and poorer tillage had tomatoes a fortnight ahead of more thrifty neighbors who, on richer land and with heavy manuring, produced a luxuriant growth of plants and later ripening of the fruit.

Cats are frequently taught the trick of nipping with their teeth by their owners injudiciously playing with or teasing them. Once learned the habit is cured with difficulty. Treat the horse very carefully, avoiding all playing with it, and whenever it attempts to bite whip it across the nose with a switch.

The Striped Bug.
This pest is well known to all cultivators of melons. It generally appears with the first opening of the water-melon, musk melon and cucumber plants. It also attacks squashes. O. M. Clay gives in the Indiana Farmer his plan of circumventing the striped bug. He says: I lay shingles or other cover on each hill as soon as the seed are planted. The seed should be a dozen or more in the hill to give some for food to the bugs and ants, and to give place for the selection of the best in thinning out. The ants will also suck the juices of the young plants, but I never disturb them, because they attack the eggs and larvae of most insects, and are very fond of the striped bug and rose lice—the aphides.

The striped bug begins at once, as soon as it emerges from winter quarters, upon the stems and leaves of the plant, when they may be killed with the finger when found under the soil and elods of earth. Those taking shelter under the shingles early in the morning or on cool, wet, damp evenings may be, when the trap is turned over, killed by the wholesale with wooden paddles; and this process should be kept up as long as the vines are not too thick to allow approach to the hills.

It is true that, after the plants are established with a few full leaves, all danger to them is past; but it is best to destroy the bug as long as possible for security in after years. The bugs begin to pair here the first warm days in May, and soon lay their eggs on the young leaves, which should be also crushed. At this time they assemble in full force on a few plants, when they may be easily destroyed.

Strict Silence.
My dear young wife, make no one your confidant in the inevitable troubles of your married life. Above all, if you live with your husband's people, do not confide in them. Be your mother-in-law never so good, never so wise, (and the more virtuous she is the more danger to you in the course), it will only endanger your future peace to give her this confidence. Not even your own mother should have it now; the time has come for you to have a new confidant and adviser, that one your husband. If you have a secret for some one to keep, he is the one; do you need advice—who so likely to give you the right? If you have differences—and you will have; however much you may doubt it now, there will come a time when the sun will seem to be blotted out from the heavens; when all the earth will be upside down; when Dick and you have the first "spat"—bury them deeply in your breast; you can preserve your self-respect in no other way. Your private life must be truly private; on this depends the happiness of your wedded life. If you live alone you may easily preserve this sacred silence; if not it will be harder, but the need will also be greater! If kept secret, trials soon pass away; to talk of them only increases their magnitude. You may say, "My mother-in-law is different from most; she loves me as well as my own mother." That cannot be. In nothing are you like her own children. Do you yield her the homage and unquestioning obedience she claims and receives from her daughters? I trow not. Very likely you are a little self-important, in the first flush of your new dignity as wife, and, all unconsciously, give offence to that excellent woman by your very manner. And she must be a wonder indeed if in her heart she does not resent your complete monopoly of her "boy"—always that to her, remember. In the natural course of things, then, her love for you cannot be of an intense character at first; but even if it be so, you certainly should refrain from wringing her heart anew with stories of your domestic grievances, which she feels must necessarily involve the unhappiness of her son, from whom, before your advent, she kept even the shadow of trouble.

The Dublin Metropolitan police receive, taking clothes and everything into account, about \$5 a week.

FACTS FOR THE CURIOUS.

The name of Moses is said to have been taken from that of one of the Pharaohs—Thuth-Mosis.

The first regiment that ever carried muskets served in the Low Countries during the reign of Elizabeth.

Gilding with gold leaf is said to have been unknown prior to the twelfth century. Gilding with plates of gold was practiced much earlier.

A large part of the Bahama islands is devoted to pineapple culture. A million and a half of fruit have been collected from a single acre.

Wine and oil jars were rendered impervious to moisture by the ancients, as they are at present by the people of Spain and Italy, by rubbing with wax.

Charlemagne's crown, preserved in the imperial treasury at Vienna, is composed of eight plates of gold, four large and four small, connected by hinges.

The demand for matches in Great Britain is, on the average, eight daily for each individual. For Europe and North America the entire average is six for each individual.

An English physician says that seventy diseases arise directly from alcohol, and that in Great Britain 120,000 deaths are caused annually either directly or indirectly by drinking.

The Reno (Nev.) Gazette says a man caught a six pound trout at Pyramid lake a few days ago. Inside the trout was a four-pound sucker, and in the sucker was a half-pound chub. In the chub was nothing but worms.

Under the care of the Lutheran city mission board of Philadelphia there are ten congregations, six English and four German. The board has expended about \$3,000 for the support of the missions.

The costliest coffins in the United States are cheap affairs when compared with some to be found abroad. In the cathedral at Milan the body of Cardinal Barromeo is enclosed in a crystal casket, magnificent with gold and silver trimmings, and set with precious stones at a cost of \$800,000.

The Legend of Nacoochee.

"Nacoochee," "The Evening Star," was the only daughter of a noted Cherokee chief. She possessed remarkable beauty and grace of manners. This lovely maid of the valley was wooed by many a gallant youth, but, unfortunately, was won by a brave young warrior of the Choctaw Nation, a people at that time bitter enemies of the Cherokees, and frequently engaged in fierce warfare with them.

One dark night Nacoochee disappeared from her vine-clad wigwam—she had eloped with Santee, son of a Choctaw chief. The father of Nacoochee summoned a hundred stout warriors to go in pursuit of his erring daughter. The valleys and mountains echoed the terrific war-whoop as they were searching every hill and dale.

Days and nights passed, but Santee and the bright-eyed Indian girl could nowhere be found. The enraged father refused to eat or sleep. He believed that the lovers had sought refuge under the Great Bear (Yonah) of the valley. Renewed and more diligent search was made. Santee had selected a bridal chamber for his young princess (which was amply supplied with venison and wild turkey) amid the rocky fastnesses of Mount Yonah. He regarded the rugged cliffs rising in their native grandeur around him as secure from the intrusion of friend or foe. Nacoochee's new home must have been a second Eden. Before her stood out a world of mountains rising one above another until their lofty peaks were lost in the blue sky, while at her feet nestled the lovely valleys of Nacoochee and Santee, covered with fragrant forest, flowering trees and brilliant rhododendrons and azaleas. From the crevices of her granite palace gushed forth pure perennial streams which are joined by a thousand mountain springs that constitute the head-waters of the picturesque Chattahoochee river, and which, lake and rivers that run out of the garden of Eden, abound in gold. The cries of the wolf and the night hawk disturbed not the slumbers of the youthful lovers. But Nacoochee and Santee could no more successfully conceal themselves, from the revengeful warriors than could Adam and Eve hide from the presence of their Creator after having listened to the beguiling serpent and eaten of the forbidden fruit. A savage shout of victory announced the capture of the foe, who had desired to rob the chief of his daughter. Hasty judgment was pronounced. Santee was to be thrown, in the presence of Nacoochee, from the highest precipice of Mount Yonah. Before the sentence was executed the warriors engaged in a death song and dance around the strongly guarded prisoner. This was kept up until the setting sun had dropped behind the western mountains, and the evening star was looking down upon the tragic scene. At a signal from the old chief, four strong warriors seized Santee and with one terrific yell hurled him headlong into the chasm beneath. Quick as thought, Nacoochee sprang from the strong embrace of her father, and shouting: "Santee! Santee!" threw herself from the overhanging precipice. Their mangled remains were found side by side in the valley. The terrific shock well nigh broke the heart of the aged father. He directed that Nacoochee and Santee should be buried on the banks of the Chattahoochee, in one grave, and a mound raised over them to mark the spot; and so the cypress, ivy and rhododendron cover the grave of Nacoochee and Santee.—[Savannah, (Ga.) News.

POPULAR SCIENCE.

Transitory color-blindness has been produced by a few hours' stay in snow-fields illuminated by the sun, all artificial lights appearing green for a short time.

It has been estimated that there are about 6,000 species of birds, of which five-sixths are known. Cones list of North American birds now embraces 888 species, 120 new species having been added during the last eight years.

If the earth should be suddenly stopped in her orbit and allowed to fall unobstructed toward the sun, under the accelerating influence of his attraction, she would reach the centre in about four months.

A subterranean forest was recently uncovered at a depth of ten feet below the surface on the estate of Lord Norhampton, near Peterborough, England. Some of the trees are of great size, and so well preserved that the different varieties—such as oak and elm—may be readily distinguished.

Mr. R. McLachlan gives it as his opinion that many of the wood-eating insects do not attack healthy trees, but only those which have commenced to decay from the operation of other causes. These insects are not responsible for the destruction of the trees, but simply for hastening the process after it has been begun.

The Berlin police department is testing a secret method of disinfection which, it is claimed, destroys the germs in sick rooms within fifteen minutes. The experiments are made as privately as possible, but when they are finished the department will make the results public.

The widest gauge railroad in existence is probably the one in operation in Washington territory, running back from the Skagit river. It is an eight-foot gauge with wooden rails eight by eight inches. The cars carry twelve wheels of nine-inch face with double flanges.

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