Make War Upon the Insects.

It is neither necessary nor advisable to wait for the opening of spring or warm thickens, take them from the fire and weather to make war upon various species of insects infesting gardens and orchard or farm crops. Some kinds are of course hidden away in the earth, where they will remain until the warm weather calls them forth, but there are others which can be more easily destroyed now than later in the season. Conspicuous among these are several which infest the apple orchard. The eggs of the American tent caterpillar can at this season be found in small compact masses, surrounding the small twigs of the trees, masses of several hundred, each one of which, if allowed to remain upon the tree and hatch, will produce a voracious worm capable of cating many full grown apple leaves in the summer. Of course, trees denuded of their foliage by these worms cannot grow or produce a crop of fruit. Another pest of the apple tree, known as the "leaf crumpler" (phycita (phycita nebulo), is also made conspicuous in win-ter by the habit of folding up a leaf or two in the fall and hiding within during the cold weather. These dried dead leaves are securely fastened to the twigs of the two of the trees, and may be readily seen during winter, at which time they should be gathered and burned with their contents, coons may be seen luanging on the tree during winter, and, of course, may be easily gathered and burned.

There are also cocoons of various other kinds of noxious insects to be found at this season attached to the bark, branches and twigs of trees, shrubs, old fences and the sides of buildings, all of which should be gathered before the warm weather sets the imprisoned moth or butterfly free. The chrysalis of the now common white cabbage butterfly can usually be found attached to board fences, or the sides of buildings near the garden or cabbage patch, and it is much less trouble to gather these and destroy them than to the trees near the surface of the ground, and early in the spring is the best time to search for the grubs or pupas with a sharp knife or small gouge and kill every one that is found. If the search is deferred until after the trees come into bloom, many of the winged insects will have escaped and commenced depositing eggs upon the bark of the same or other trees, consequently whatever is to be done toward checking the increase of this pest had better be done now than later in the season. While looking for borers in the stems of apple trees, it is well to take a look among the larger branches, because there is another and quite a different kind of borer which attacks these as well as the stems of the trees. Their presence in the tree can usually be detected by dead patches of bark, and when these are cut out the borers will be found underneath or in the live bark near by. If the small twigs are dead or appear to be withered, they should be cut off and examined closely, because there is a "twig borer" (*amphicerus bicaudatus*), which is often very destructive to apple orchards, bor-ing out the center of the young shoots of the previous season's growth. These little beetles are less than a half inch long and not more than one-sixteenth in diame ter but they are large month in diame very destructive to apple orchards, bor-

FARM, GARDEN AND HOUSEHOLD . kettle in the proportion of two pounds of fruit to one pound of sugar. Pour a quantity of boiling water over them, and

et them boll at least two hours. When they are thoroughly done and the sirup p ur into tin plates lined with paste. Add one tenspoonful of butter; cover with a rich paste.

FRIED LIVER. - Cut into thin slices and pour over boiling water, turning it off at once. Have prepared some cracker or bread crumbs; dip in the slices of liver, sprinkle in pepper and salt, and fry in hot beef drippings until both sides age of a dark brown.

GOOD BUCKWHEAT CAKES .- Stir up about half a gallon of batter, with warm and may be readily removed by hand, or the twigs cut off and burned. The eggs are very minute and glued together in soda, and bake.

> hopped onion, two slices of bread, which have been soaked in milk, and one egg. Mix well together and bake in a dish. This makes a nice tea or breakfast dish.

Johnny on Camels.

One time a man wich was a travler he comes to a lake, and a caml was a standin' in the lake up to the camls stumach. Then the man he tuke out his led-penel and rote into his diry book: "This is the land of the swon. The swon is the bigist bird wich swims the deep; long thereby checking the increase of this in-jurious insect. In some few localities the bag or basket worm is injurious to apple and other trees. Their long co-tic come out and wocked away, and then the man he rote a other time; "The swons legs is 4, and its fects is woppers. Swons is jest like camls." After a wile there was a natif man, and he sed had the man see his caml any were. Then the man he rote again, the man he did "They call em camis, too." Me and Billy we plade caml, and I was the caml, cos Billy he sed: "You be the caml and Ile be the hunch;" so Billy he was the hunch. After a wile I sed I was tired most to deth. But Billy he sed: "I gess yude been lots tierder than wot you are if some feller had been a ridin you." A man wich had a caml in a sho he stood to the door of his sho and hollered: take the butterfly on the wing, or destroy the caterpillars when buried inside of a head of cabbage. The apple tree borer (saperda candida) attacks the stems of wich is so high that its haunch is cuverwich is so high that its haunch is cuver-ed with eternle sno!" Then my sisters yung man he sed: "How hi is yure tent

up a idiet sylum for fellers wich sasses the shoman, and his plans is locked up in the elephants trunk; but I guess mebby this tent is bout as hi as the platform wich yure father was gittin down off from the time he broke his neck." Then my sisters yung man he was offle mad, and he tuke of his cote and was a goin for to lick the shoman. But the shoman he hollerd back in the tent: "Jim fetch that camel out here and make him pay his 2 bits, cos there's a yung feller wich is a other sho." But if I was my sisters snoot of his nose, yes, indeed, and holler: "I'm the grate fiter of Madgigasker and my back is got upper than a camel's back; lots of eternle sno and some clouds, too, hooray!" Cos Ime brafe like a its a fair fite, no striking back. Cos Ime brafe like a sojer wen

The Arizona Catacombs.

Among some of the many wonders of that "Wonderland of America," Arizona, which has made it famous and served to surround this isolated region with a halo of mysticism and romance, the recent discovery of its catacombs by an explor-ing party, described in an Arizona paper, will prove of interest.

The discovery was made about one mile east of the Mountain Spring station, in southeastern Arizona. The cave was found to have an arched entrance about three feet wide and four feet high. Two of the explorers took the lead with candies placed in a small board, and this fastened to a long pole, which was car-ried so that the light was cast far ahead of them and danger from pits or other obstacles thus avoided.

After proceeding about 100 feet down MEAT LOAF.—Chop fine whatever cold meat you may have, fat and lean to-gether; add pepper and salt, one finely-become description of the cave. Taking the one to the right and leaving candles at various points by which to find their way back an incline they came to the two main points by which to find their way back, there being innumerable chambers branching off in all directions, they conbranching off in all directions, they con-tinued their way through a chamber, the walls of which, though presenting the appearance of stalactic formation, were black and dingy, which was ac-counted for by the finding of ashes and other indications of fire, evidently very old. Here, an doubt was one of the Here no doubt was one of the

haunts and resting-places of the Apaches. Bones of all kinds lay scattered around. no less than 500 deer antlers being seen, and other evidences of life destruction and feasting. Animals may have done the work, but if so they must have had great strength to carry their prey to such distanc

Into this cavern they groped their way, down, down, right and left for a distance of 500 feet, and yet they found no end. In some places the cave was so small they would have to come down on " all fours " and creep through, and then suddenly would find themselves in a large room, full of mystery. Their candles giving out at a point about 500 feet from the entrance, they returned to the light of day for refreshment and more candles. Upon re-entering they explored the passage on the left. The entrance to this branch is about three feet high, but narrow and irregular for 300 feet; but passing through the small aperture, the party found themselves in a large cham-ber with a beautifully-draped stalactite ceiling, fully seventy-five feet above the floor. Here was glittering grandeur, with a thousand varied beauties and fantastic figures. From this chamber the cave, or caves, bore upward. There were three distinct passages, one above the other, and the explorers, taking the upper Then the shoman he luked at my sis ters yung man a wile and he sed: "The arkiteck wich desined it is absent putin 5,000 feet, until, as they believed, they were approaching a top entrance—the purity of the air in this hall leading them to the conclusion that there was an exit above. Here again their candles gave out and they were compelled to return, only to behold more and varied wonders; caves leading in every direction. Here and there was a small hole in the wall, into which the curiosity seekers would thrust their torches, only to behold im-mense chambers and shafts without bottom. Every now and then the ring o the passageway from their tread warned yung man I wud hit the shoman on the them that the floor upon which they stood was the roof or covering of another subterranean cave or pitfall. For five hours they penetrated into the dark recesses of these wonderful passages, cham-bers and complex catacombs, only to arrive at the conclusion that to explore the

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well-tested remedy for this loathsome disease People who marry for money, and find too late that the golden glitter is all moonshine. Women who suffer death every day of their lives, when Dr. Pierce's Favorite Prescription will effectually remove those painful weak acesses and impart a healthful tone and strength to the whole system.

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tion, are subject to the law of gravitation. Invalids who do more toward fostering dis-case, by living and sleeping in the low, unventilated rooms of the ordinary house, than the best medicines can accomplish toward recovery, when, at a moderate expense, they can secure all the hygienic and sanitary advantages of the Invalids' Hotel, at Buffalo, N. Y. Every physician knows how much recovery depends upon good nursing and the hygienic condi-tions of the sick-room. Chronic diseases are especially subject to these conditions. The professional indersement which has been

accorded by leading medical men in various parts of the country to Dr. Wm. Hall's Balsam for the Lungs, is a sufficient guaranty of its efficacy in oradicating discusses of the breathing organs. These gentlemen have thoroughly tested the remedy, and their concurrent testi-mony is to the effect that it is a positive speciffe for lung, bronchial and throat affections of every description, and a most reliable) pre-ventive of that dreaded scourge, consumption. Droggists sell it.

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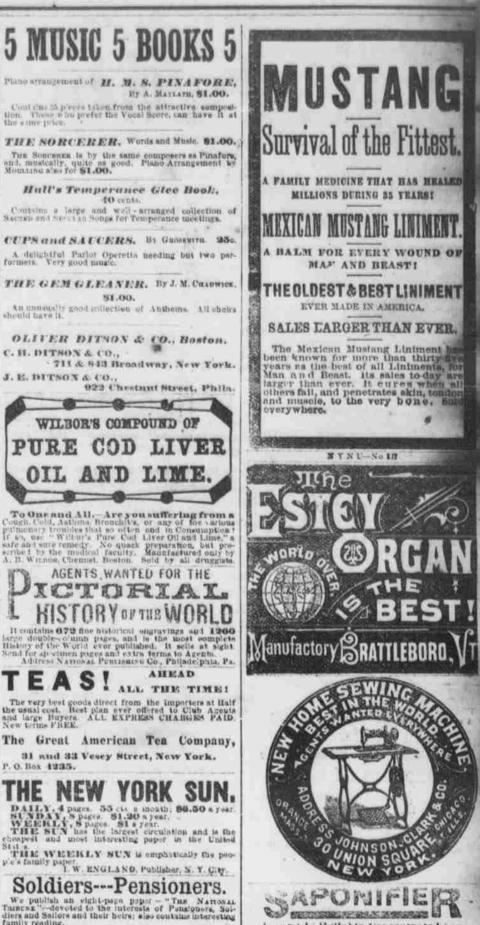
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are plentiful.

There are also currant and raspberry borers, which may be sought for in the dead stems of these plants, which should be cut out and burned with their con-_tents. It is a great mistake to either wait until summer before destroying noxious insects, or to throw the brushwood and place and leave them there to decay. Al Vast numbers of noxious insects can be and other similar rubbish which may have accumulated in fence corners or elsewhere should be carefully gathered up before warm weather comes on, and set on fire; for it is in just such places that the chinch bug, Colorado potato beetle, squash bug and Southern cabbage bug hide away in vast numbers in the fall, and remain during the winter; and the sooner they are disturbed in the spring and exposed to their natural ene-

the search of insects and the cleaning up of rubbish will be time well spent; and if all farmers would do so, insect pests might become less numerous than at present. The increase of noxious insects is not caused merely by the destruction of their natural enemies, or by the clear-ing up of the country, but is due in great part to the indifference of the farmer and States, is a foreign insect imported only a few years since, and it bids fair to do far more damage here than it ever did in its native country ; simply because our farmers will not spend the time necessary to keep it in check, as is done in Europe. The same may be said of the pea weevil, Hessian fly, cabbage worm and other European insects, which have of late years appeared in this country and are rapidly spreading over its entire length and breadth, so that some important crops are actually excluded from cultivaist. tion. If every farmer and gardener would keep his own grounds free from noxious insects, or even do a little in that direction, it would make a vast difference in the sum total of losses occasioned by these pests; and it is with the hope of prompting some action in this matter among our readers that the above is written .- New York Sun.

Rec'pes.

FRENCH TAPIOCA PUDDING .- Take two ounces of tapioca and boil it in half flavor to taste, and bake gently for three-quarters of an hour. This preparation of taploca is superior to any other, is nourishing, and suitable for delicate children.

several waters. Put in a preserving tenced to two years' imprisonment.

ter, but they are large enough to do consid- py busted hisn throen up a rock for to erable damage to an orchard when they catch it on his neck.

Friendship.

What is it! Do smiles, words of cheer and kind actions constitute it? Are those who never upbraid, but meet all our deeds with words of praise, who flatter trimmings from trees, vines and other us on every possible occasion, to be con-plants into heaps in some out-of-the-way sidered true friends? Their attentions may be pleasant to our vanity and consuch refuse should be burned up as soon as possible after it is removed from the with ourselves, and we may think their with ourselves, and we may think their plants, and if the wood is too green to burn freely, add enough dry material to insure the combustion of the whole. est. The person who will tell us our destroyed in this manner, the presence of | faults-kindly, of course-who will try to which may or may not be known to the | teach us to see ourselves as others see us, gardener or farmer who performs the operation. All the old dead weeds, grass that he kindly regards us, is more worthy of trust than one who agrees with all our sentiments, right or wrong, and who is equally ready to coincide with some one You cannot churn happiness out of a else, even if the subject should happen to be our short-comings. Give me the friend who has the same love for me al-ways, who is ready to "speak up" for me in the midst of enemies, and repeat what he considers my virtues as an offset to the failings they may rehearse, and who will hold fast to his faith in my gathered with the rubbish and burned. Such friends may be scarce, but when A few hours or even days devoted to found, are priceless treasures .- National Baptist.

The Light Question.

The electric light with which Mr. Edion proposed to outdo the sun, and put gas jets forever out of the question, is not good deeds have ripened in the field. yet forthcoming. The ominous silence of the reporters, or something else, has gardener in taking the simplest precau-tionary measures to prevent it. Thegrain The theories of Mr. Edison were at first weevil, which is at this moment increas-ing in great rapidity in the Northern and produced a nervousness among the holders of gas shares, which exhibited itself in a decline of at least fifty per cent. in the quotation of values, not only here, but abroad. Scientific men all over the world have experimented, and nearly all have produced an electric light from which, at the outset, they expected great things, but latterly have expressed their inability to divide and make it practicable as a competitor of gas. For the present, at least, our churches must keep to the chandeliers and bracket.—*Evangel*-

> When the Confederate army was on its shortest rations General Lee remonstrat-ed one day with a straggler for eating green persimmons, and asked him if he did not know that they were unfit food. "I'm not eating them for food, general," replied the man, "but for the sake of drawing my stomach up to fit my rations.

Two French army surgeons have just fought a duel in Bois de Vincennes. One a pint of water until it begins to grees, then add half a pint of milk by degrees, and boil until the tapioca becomes very thick; add a well-beaten egg, sugar and thus proved his gallantry and humanity thus proved his gallantry and humanity

A young French soldier, who exceeded hildren. PRUNE PIE.—Wash the prunes through his feave of absence by less than two hours, was tried as a deserter, and sen-

party is just sufficiently excited to warrant another expedition in a short time, and we hope it may be soon, as there is no doubt of the existence of many wonders and beauties in these natural catacombs of Arizona.

Words of Wisdom.

The sweetest thing on earth is a little child when it has learned to know and love.

After friendship and love come be-nevolence and that compassion which unites the soul to the unfortunate.

How contagious is the laugh of some people; how jarring that of others, like playing on a worn-out plano.

In general, there is no one with whom life drags so disagreeably as with him who tries to make it shorter.

There are some human tongues which

You cannot churn happiness out of a chest of gold; it will never come. You cannot make unfading crowns of fading flowers.

When people have resolved to shut their eyes, or to look only on one side, it is of little consequence how good their eves may be.

The triumphs of truth are the most glorious, chiefly because they are the most bloodless of all victories, deriving their highest luster from the number of the saved, not of the slnin.

Men's lives should be like day-more beautiful in the evening; or like summer-aglow with promise; and like au-tumn-rich with golden sheaves, where

Tenderness is the genius of simple minds. If passion knows no obstacles. tenderness knows no bounds. Passion is the attribute of a soul which no longer controls itself; tenderness, that of a heart which no longer belongs to itself.

Contentment is a blessing, and it is within the reach of all, but it will not be found by him who goes out to seek it. It is something from within, and util the heart is right all effort after it must be in vain

Senator Chaffee, the rich banker and politician, of Colorado, is said to have once kept a small millinery store at Advian, Mich.

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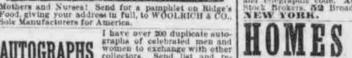
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