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Write us for our cash offer on your Farm and Dairy Produce. If we don't handle it will refer you to reliable buyer. PEARSON-PAGE CO. Portland, Oregon.

Machinery Second-Hand Machinery bought, sold and repaired. Engines, boilers, sawmills, etc. The J. E. Martin Co., 78 1st St., Portland. Send for Stock List and prices.

WANTED—Fifty Tie-Makers
Also Pole and Piling Cutters and 20 teams. Tie cutters make four to seven dollars per day at sixteen cents per tie. Steady work summer and winter, two-year job. Address A. F. Estabrook Co., Hamilton, Ore., and 245 California St., San Francisco, Cal. Free fare from San Francisco.

PANAMAS
Hand Woven, Unbleached
FROM WEAVER TO WEARER
Can be worn unbleached or bleached. Bleached in any size, shape or style for men, boys and children. Light weight. Best material on receipt of order. Money refunded if not satisfied. Write for catalog. Address NEW MILL HAT CO., P. O. Box 100, Portland, Ore. Twenty years in Portland.

KODAK
rolls developed, 10c, any size. Largest and best shop in Northwest. Complete price list on request. Best results guaranteed.
JACOBS PHOTO SHOP
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HOLMES BUSINESS COLLEGE
WASHINGTON AND TENTH STS. PORTLAND, OREGON
WRITE FOR CATALOG
The School that Places You in a Good Position

Wild Red Rice.
In Senegal red rice grows wild. The fields in which it grows are inundated regularly by the Senegal or by its affluents, and in measure as the tide rises the rice plant rises above the flood. The grain is very red and very dry and hard. It swells in the water and as it swells loses some of its rich color. It is very nourishing and requires no cultivation.—Harper's Weekly.

The Wedding Ring.
The wedding ring is of foremost interest to the groom and a new wedding ring is to be had, called the "alliance ring." This appears to be one solid ring, but is actually two, the joints being invisible, and whenever engraved, the ring is separated by inserting a pin in the inside pinhole, which separates the ring and the marriage is done on the inside surface.

DANGER PERIOD OF WOMANS' LIFE FROM 45 to 50

Interesting Experience of Two Women—Their Statements Worth Reading.

Asheville, N.C.—"I suffered for years with female trouble while going through the Change of Life. I tried a local physician for a couple of years without any substantial benefit. Finally after repeated suggestions to try Lydia E. Pinkham's Vegetable Compound, I quit my physician and commenced using it with the happiest results. I am today practically a well woman and anxious to contribute my mite towards inducing others to try your great medicine, as I am fully persuaded that it will cure the ailments from which I suffered if given a fair chance.
"If you think this letter will contribute anything towards further introducing your medicines to afflicted women who are passing through this trying period, it is with great pleasure I consent to its publication."—Mrs. JULIA A. MOORE, 17 East St., Asheville, N. C.

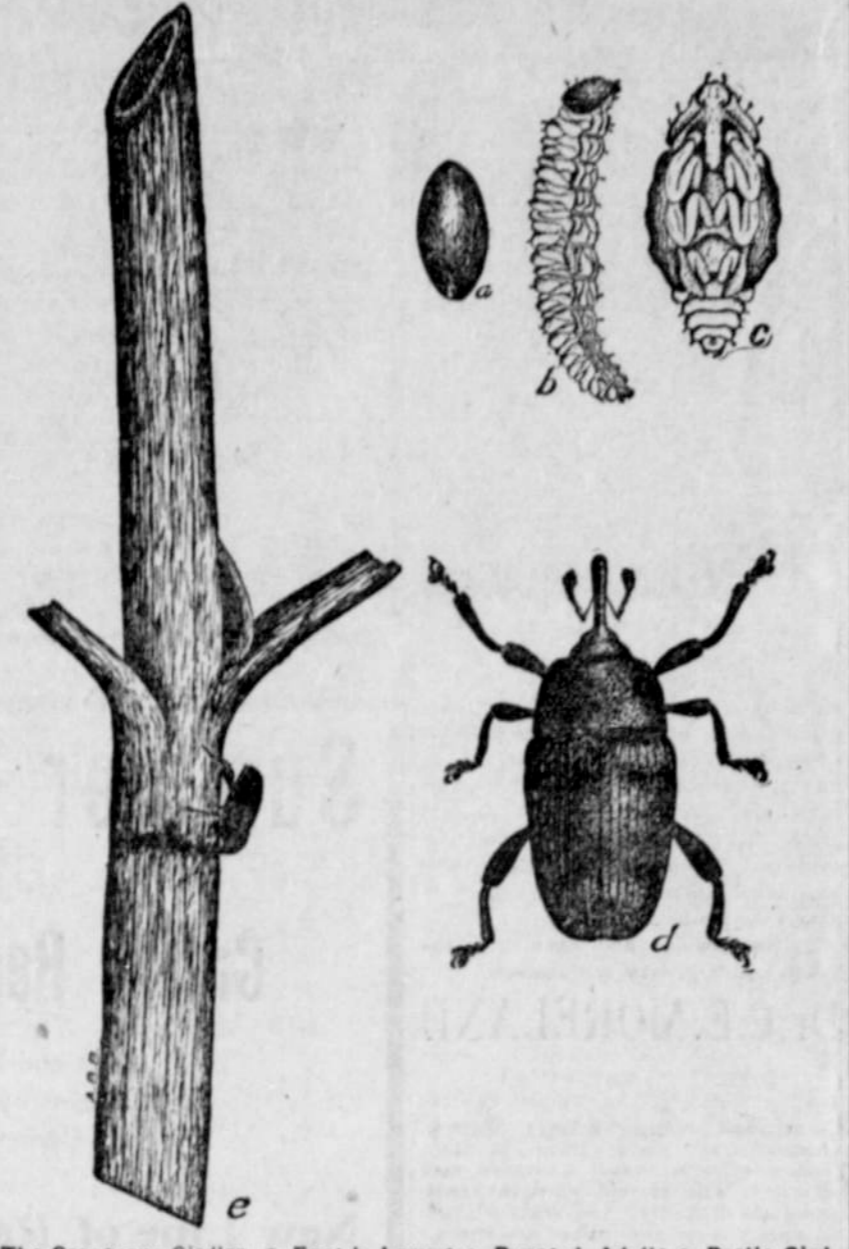
The Case of Mrs. Kirlin.
Circleville, Ohio.—"I can truthfully say that I never had anything do me so much good during Change of Life as Lydia E. Pinkham's Vegetable Compound.
"Before I had taken one half a bottle of it I began to feel better, and I have continued taking it. My health is better than it has been for several years. If all women would take it they would escape untold pain and misery at this time of life."—Mrs. ALICE KIRLIN, 353 W. Mill St., Circleville, Ohio.
The Change of Life is one of the most critical periods of a woman's existence. At such times women may rely upon Lydia E. Pinkham's Vegetable Compound.

Painless Dentistry

Is our pride—our hobby—our study for years and now our success, and cure is the best painless work to be found anywhere, no matter how much you pay. Compare our prices.
We finish plate and bridge work for out of town patients in one day if desired. Painless extraction from which plates or bridge work is ordered. Consultation free.
Molar Crowns \$5.00
Gold Fillings 4.00
Enamel Fillings 1.00
Silver Fillings 1.00
Good Rubber Plates 5.00
Best Red Rubber Plates 7.50
Painless Extractions .50
BEST METHODS
All work fully guaranteed for fifteen years.
Wise Dental Co., Inc.
Painless Dentists
Building, Third and Washington, PORTLAND, OREGON
Phone Number: 3. A. M. to 5 P. M. Sundays, 9 to 10 A. M.

GIRDLER ATTRACTS ATTENTION AS ENEMY OF THE GRAPEVINE

Plants Caused to Present Rugged Appearance on Account of Dead Tips Resulting From Attack of Insect—Has Been Found in Several States From Missouri to Pennsylvania.



The Grapevine Girdler. a, Egg; b, Larva; c, Pupa; d, Adult; e, Beetle Girdling the Cane Just Below Its Egg-Chamber. The Upper One of the Twin Holes in the Center of the Cane Contains the Egg. All Greatly Enlarged.

(By FRED E. BROOKS, West Virginia Experiment Station.)

The grapevine girdler is an insect not often mentioned in entomological literature, probably for the reason that in the past it seems to have confined its attacks chiefly to the plant known as Virginia creeper or five-leafed ivy, *Ampelopsis quinquefolia*, and has seemed, therefore, of but little economic importance. In this state it appears now to have developed a preference for the grape. In several localities I have seen grapevines presenting a ragged appearance on account of the dead tips resulting from the insect's attacks, but I have never been able to find either the beetle or evidences of its work on ampelopsis.

The species cannot now be regarded as a pest of very serious consequence, except in rare instances, but it has several times attracted attention as an enemy of the grape in this state during recent years, and heretofore but little has been known in regard to its habits.

The distribution of the species seems to be quite general throughout the eastern and mid-western sections of the United States. In 1862 Mr. C. V. Riley, in his first report on the noxious insects of Missouri, mentioned it as forming galls on the common creeper. At about the same time Mr. Benj. D. Walsh had specimens of the insect in his collection in Illinois, marked "Madurus ampelopsis." It was not until the year 1876 that a description of the beetle was published. In that year Dr. John L. LeConte described it in his work on the Rhyngophora of America, and gave to it the name which it still bears. LeConte gives its geographical distribution as "southern and western states." Since the description was published the species has received but infrequent and brief notice, but has been recorded as occurring in several states from Missouri to Pennsylvania.

The wound which the beetle makes in ovipositing causes the tip and terminal leaves on the young cane to drop over and die, and shortly afterward to fall from the vine. The egg is not carried to the ground with the prunings when they fall, but it remains in the vine, and the larva which develops therefrom feeds in the heart of the stump from which the leaves and tip were removed.

It is interesting to compare the methods of this insect with those of other species that girdle twigs or small branches in order to kill or partly kill the wood in which their eggs are laid and their larvae are to feed.

The "hickory twig-girdler," *Onideres cingulata*, a "long-horned" beetle, lays its eggs in the branches of hickory and other trees and then girdles the branch below, by cutting a deep groove with its strong jaws so that the branch above dies and is frequently broken off by the wind. The "elm twig-girdler," *Oberia ulmicola*, a beetle of the same family, attacks elm in a similar manner. The female cuts a deep groove around a twig so that it is easily broken off by the wind. Below the groove she cuts a slit in the bark and deposits an egg and then moves further down the twig and girdles it a second time, now merely cutting through the bark so as to deaden the part above. Another species of the same genus, known as the "black-berry cane-girdler," *Oberia bimaculata*, cuts a double girdle and lays an egg between the two, in a similar manner, in the young canes of blackberry and raspberry. Still another "long-horned" beetle, the "oak-pruner," *Elaphidion villosum*, lays its eggs in the branches of oak and other trees but leaves the girdling to be done by its larvae. In this case the larva feeds in the heart of the twig until it is nearly full grown and then cuts the twig almost off at the lower end of its burrow. Immediately after the cut is made it retreats into the burrow above and waits for the wind to blow the twig to the ground, where it completes its transformation within the burrow.

ERADICATION OF THE GRASSHOPPER

Ohio Station Gives Formula for Making Poisoned Bran Mash for Use in the Gardens.

The Ohio station advises that for protecting gardens and limited areas from the attacks of grasshoppers, good results are usually obtained from using a poisoned bran mash, prepared as follows:
Stir together, while dry, two pounds of paris green and 25 pounds of bran, then moisten with water that has been sweetened with molasses or dissolved sugar, making a wet but not sloppy mash.

For plants set about three feet sugar, making a wet but not sloppy each way, use a tablespoonful near each plant, or the mash may be sown over the field broadcast. One treatment should not cost over \$1 per acre, labor not included. Keep the poultry away from the poison.

Moderate Litters.
It is really better to kill a few pigs at birth rather than compel the sow to raise so many. The pigs do not grow well and the sow gets poor.

PRESERVING JUICES OF STEAK
Great Point to Be Remembered When Broiling of the Meat is Undertaken.

In an article on "The Appetizing Beefsteak," in the Woman's Home Companion, Fannie Merritt Farmer, the well-known cooking authority, presents a number of recipes and gives the following general advice about steaks:

"The underlying principle which governs good broiling is this: One side of the meat must be quickly seared, the meat must be turned, and the other side quickly seared. This prevents the escape of any of the juices. Turn almost constantly for the first minute of the cooking, then the meat must be cooked on one side, turned and cooked on the other, to suit individual taste.

"The best cuts of meat for broiling are porter house, sirloin, crosscut of rumpsteak and second and third cuts from top of round. Porterhouse and sirloin cuts, although commanding about the same price per pound as the cross cut of the rump, prove more expensive on account of the greater loss in bone and fat. Round steak is very juicy, but, having coarser fiber, is never as tender. Neither is the flank end of a porterhouse very tender. For this reason, it is a good plan to cut it off before cooking the steak and use it for meat cakes (Hamburg steak) or a small steak, or perhaps a small beefsteak pie. Cut out the tenderloin and reserve it to be cooked for one meal; cut off the flank and save it to be prepared for another; then broil the sirloin for dinner. The bone may be used to give added richness to the stock, if the flank end is utilized for a stew."

HOUSEHOLD QUESTIONS

Always use soft water for washing purposes whenever possible.

Wash a little paraffin in the blacking to increase the brightness of the polish.

To take away the oily taste when using oil for frying, make the oil very hot and then fry a piece of onion in it, and when brown take it out.

One of the most useful herbs in cookery is thyme, which is invaluable for seasoning forcemeat, meat balls, etc. Both lemon and common thyme should be stored.

To remove machine oil stains, cover them with lard for several hours, and then wash with soap and water. When the lard is washed out the spots will have disappeared.

When darning stockings run a thread around each hole before beginning and draw until the edges lie flat. This makes the hole appear smaller, and it will be much easier to mend.

To keep a zinc-covered kitchen table bright rub it occasionally with a cloth dipped in vinegar.

To dry a one-piece frock and have it keep its shape, slip it on a wooden coat hanger that you have first covered with a couple of folds of old muslin.

Barley Soup.
Three ounces barley, 1½ ounces stale bread, 1½ ounces butter, one-quarter ounce chopped parsley, one-quarter ounce salt. Wash and steep the barley for twelve hours in one-half pint of water, to which a piece of carbonic soda, the size of a pea, has been added; pour off the water not absorbed, add the bread crumbs, three quarts of boiling water and the salt; boil slowly in a well-tinned covered pan for four or five hours, add the parsley, butter, white pepper about half an hour before the soup is ready to serve.

Mother's Surprise.
Take half a square loaf of baker's bread, cut into thin slices, crust and all, and butter them; peel, core and cut up sufficient quantity of good baking apples to be in proportion. Take a pie dish, line it with bread and butter; put a layer of the apples at the bottom, then of sugar, then of bread, and so on until the dish is filled. Bake until the apples are perfectly soft; turn out in a dish and serve. It should keep its shape and taste almost like a sweetmeat, all the ingredients being thoroughly blended in baking.

Brain Cakes.
Wash the brains thoroughly, first in cold and afterward in hot water; remove the skin fibers and then boil the brains with a little salt for two or three minutes. Take them up and beat them in a basin with some very finely chopped parsley, sifted sage, salt, mace, cayenne pepper, well beaten yolk of an egg and a gill of cream. Drop them in small cakes into frying pan; fry them in butter a light brown color. A little flour and grated lemon peel are sometimes added.

Cherry Vinegar.
Pour one and one-half pints of vinegar over two quarts of red cherries, let stand three days, then strain. Measure and to each pint of liquid add one pint of sugar, boil twenty minutes and bottle. Dilute with ice water when serving.

A Late Fad.
Patch pockets are a feature of the tailor-made skirts; and instead of placing the solitary specimen allowed to each skirt high on the left side it is rather novel to see it just beneath the fold of the skirt.

Shake Into Your Shoes
Allen's Foot-Ease, a powder for the feet. It cures painful, swollen, smarting, sweating feet. Makes new shoes easy. Sold by all Druggists and Shoe Stores. Don't accept any substitute. Sample FREE. Address A. S. Olmsted, Le Roy, N. Y.

Superstitious Italians.
Perhaps of all countries Italy is the most rife with superstition in all its strange and imaginative varieties. Italians believe in the "evil eye." They have a "false spirit," which is given to practical jokes on poor mortals, and a darker hobgoblin, the "Fata Morgana," who draws youth beneath the waves of the Straits of Messina to drown.

Not Yet.
A hard who makes "fine" rhyme with "mind" has won a prize in a "poetical" contest. Nevertheless, we are not yet convinced that "poetical" contests are the most ridiculous things in the world.

REDUCE YOUR LIVING EXPENSES
Eat Golden Cereal Foods and recommend them to your acquaintances. You get better quality and more for your money. They are made in your home state from the best Oregon Oats and Wheat. Large packages contain a Handsome Premium and all goods are guaranteed. Ask your grocer.
Golden Rod Oats. Golden Rod Pancake Flour. Golden Rod Wheat Flakes. Ralston Select Bran. Golden Rod Wheat Nuts. Golden Rod Chick Food.

BEST PEACHES FOR MARKET

Five Varieties That Can Be Safely Relied Upon for Success—Mountain Rose Ranks First.

(By R. G. WEATHERSTONE.)

We consider the following five varieties of peaches to be the best that can be safely relied upon for a succession. They cover the season from medium early to late, says the Agriculturist.
Mountain Rose.—This peach is too well known to need an introduction. It is one of the best, if not the very best of the medium early sorts. Unlike many of the earlier varieties, it has never rotted with us. We have found it hardy, productive, of fairly good size, and, for an early kind, of exceedingly good flavor. We have never found all these qualities in any other early peach. It ripens in early August and is a fairly good shipper.

The Champion is a worthy successor to the Mountain Rose, which is follows early in ripening. The tree is a rapid grower and hardy. It also ranks next to the Oldmixon. White, round as an orange, with a dainty pink cheek rivaling the blush on a modest maiden's cheek, and of a luscious flavor that is barely surpassed by the ruby lips of the aforesaid maiden, we consider it the most beautiful of all the varieties yet introduced and just as good as it looks.

Oldmixon Tree.—We would not think of setting a peach orchard that did not include the Oldmixon. We would not, however, advise a very heavy planting of it, as it has not proved with us an extra good shipping variety. The fruits are of good size, white, with a red cheek and very luscious. Nothing ever grown by us has excelled them in flavor, except it be the Stephens Raripie. The trees quickly attain a large size, produce abundantly and the fruit ripens about the last week in August.

With the exception of the Elberta, the white varieties have been far the better producers and much more remunerative than the yellow. We have tried Globe, Willett, Smock, Salway and several other sorts, but have discarded them all except Elberta and Crawford Late. Elberta is unquestionably the market peach and just now the most remunerative of all known varieties.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

Fish Puzzles Scientists.
A quantity of extraordinary and quite unknown fish has been landed by a trawler at Granton, England. The fish were caught while the vessel was engaged in trawling in the North sea. Fish-curers and experts state that they have never seen this species before. It has the appearance of a herring, but the head is pointed and the tail forked, while the eye covers the whole of the head.

Slide Back!
Backsliding, indeed! I can tell you on the ways of most of us go, the faster we slide back the better. Slide back into the cradle, if going on is into the grave—back, I tell you; back—out of your long faces, and into your long clothes. It is among children only and as children only that you will find medicine for your healing and true wisdom for your teaching.—Ruskin.

Water in bluing is adulteration. Glass and water makes liquid blue costly. Buy Red Cross Ball Blue, makes clothes whiter than snow.

Divided Nest.
A North Westmorland (England) farmer recently came across a very unusual sight. In the course of his rounds through his fields he found a nest with 25 eggs in it! The large number was not the only marvel, for on examining the eggs, he found that 15 of them belonged to a pheasant, and the remaining ten to a partridge. The pheasant, as the stronger bird, was the probable intruder.

Answer of a Soldier.
When Napoleon was a student at Brienne he happened to be asked by one of the examiners the following question: "Supposing you were in an invested town threatened with starvation, how would you supply yourself with provisions?" "From the enemy," replied the sub-lieutenant of artillery; and this answer so pleased the examiners that they passed him without further questioning.

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Golden Rod Oats. Golden Rod Pancake Flour. Golden Rod Wheat Flakes. Ralston Select Bran. Golden Rod Wheat Nuts. Golden Rod Chick Food.

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IDEAL FRUIT PICKERS' BAG.
Send us one dollar and we will mail you a sample of Ideal Apple Pickers' Bag. Positively the best picking bag on the market, allowing man to use both hands. Barker Manufacturing Co., 35 Ambrase St., Rochester, N. Y.

FOR SALE—WELL PAYING WHOLESALE CIGAR BUSINESS IN TAMPA, FLA. at a very reasonable price. Doing \$8,000 a year. "Leading brand." Well established trade. Extensive, etc. Cheap rent, good lease! *Dynamo*, Box 219, Chicago

FOR SALE—40 ACRES ON THE WESTERN Slope, near Delta. 15 acres bearing orchard. Plenty irrigating water. Place worth \$20,000.00. Must sell quick, will sell at 2.5 the price, or trade. Easy terms. George Blanke, Olathe, Col. R. No.

Overlooked.
"Very few mosquitoes taste anything but the juice of tender plants," remarked the naturalist. "Is that so?" exclaimed Farmer Cortnessel. "Is kind of looks as if human beings hadn't been properly advertised as mosquito food."

Between Girls.
"I haven't received a love letter from Jack in three days. I think it's a shame. I shall be positively ill unless I get a love letter by tomorrow." "Well, my dear," said the other girl, "if you need a love letter from Jack as badly as that, I have 40 or 50 I'll be glad to let you have."

Marking on Wood.
If any one in your home has a pyrograph outfit, use it for marking your boy's hockey sticks, baseball bats, tennis rackets and all such wooden things. Painted names can wear or be scratched off, but when burned in deeply the identification is there to stay.

Don't buy water for bluing. Liquid blue is almost all water. Buy Red Cross Ball Blue, the blue that's all blue.

Day of the Whip.
The dreaded "cat" is probably the best known of old naval punishments. Whipping was provided for at least as long ago as the fifteenth century, and in Drake's time the regular trouncing of the ship's boys by the boatswain on Monday morning was regarded as the only means of insuring a fair wind for the rest of the week.

Time and Place.
A little six-year-old Philadelphia girl was sent to the family physician for a vaccination certificate, so that she could enter school. The certificate required the date of vaccination. Not remembering when he had done it, he said, "Janet, how long are you vaccinated?" To which Janet innocently replied, "Here it is on my leg, about an inch long."

MEXICAN MUSTANG LINIMENT
FOR MAN AND BEAST.
John Watson, Fall Brook, Cal., writes: "Am much pleased with the good results obtained from Mustang Liniment. It certainly acted like a charm on my horse's lame shoulder. It should be kept on hand by all stock owners. They will find it a remedy not only for their horses and cattle but also for their own aches and pains." 25c. 50c. \$1 a bottle at Drug & Gen'l Stores

Named for General Wadsworth.
Fort Wadsworth in New York harbor is not named for Capt. Joseph Wadsworth, but for Gen. James Samuel Wadsworth of Genesee, N. Y. General Wadsworth raised a regiment when the Civil war broke out, served with distinction, and was killed in the battle of the Wilderness. In his memory the name of Fort Tompkins was changed to Fort Wadsworth.

Women Form Fire Brigade.
The women of Idria, in the Austrian province of Krain, were so dissatisfied with the fire-brigade that they have formed one of their own, consisting of 60 "firewomen," with Frau Marie Straos as their commander.

Want Long Hair?
And you would like long hair? Rich, heavy hair? Beautiful, luxuriant hair? That is perfectly natural, and we are here to help you. Ayer's Hair Vigor is a great aid to nature in producing just the kind of hair you desire. Do not be afraid to use it. No danger of its coloring your hair. The ingredients are all given on each label, thus enabling your doctor to wisely advise you concerning its use. Consult him freely. He knows.
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