

EVERYTHING FOR THE GARDEN.



SCIENCE OF TREE SURGERY

Inexpensive Tools Necessary for Protecting the Wounds.

CAVITIES ARE EASILY FILLED

Life of Beautiful Shade Trees May Be Indefinitely Prolonged by Employment of Scientific Methods.

By DR. A. WALT STEINLE.

The day of the woodchopper, who, with brandishing axe, went from door to door, seeking to dismember and convey to the woodpile the dying and blighted trees is past. The people will no longer permit their best friends, the trees, to be thus maltreated.

However, of all the methods employed in treating trees the science of tree surgery has been a blessing to the home owners. In former years when a tree was afflicted with a large decaying wound, the tree was considered only available material for stove wood. For years I have employed tree surgery in the saving of many beautiful and valuable ornamental trees, with as much success as a reliable dentist has in saving your teeth by proper filling.

Watch Small Wounds.

Inspect your trees carefully and no matter how small the decay may be from stubs, bruises or broken out limbs, always remember that a small wound will eventually be a large one. You can secure a wood mallet for 25 cents, two wood chisels, one of them one-half inch wide and the other either one or two inches wide.

Take a sharp knife and cut into the living tissue around the wound, back into the healthy living tissue. You will note the living tissue around the wound will have a tendency to curl inward. Cut back far enough until the curl is removed, which is usually about an inch all the way around.

Then take your wood chisel and mallet and remove all the decay until you come to a live, healthy wood. Sometimes you are required to chisel out very deep; in this instance when you come to the dry, but sound wood, stop your operations because you may weaken your tree to such an extent it will not be able to sustain itself. Often a tree may be so far decayed that life cannot be sustained indefinitely; however, a filling in the cavity will prolong its life a good many years.

Some Decay Deep.

After the decayed matter has been removed from the central part of your wound take your half-inch chisel and very carefully remove the wood near your live tissue, and always back into the wood on a slant, the same as if you were howling out a cornucopium. Sometimes you will come in contact with only surface wounds. However, where there is decay it must be removed, which sometimes necessitates removing a few inches of live wood. In all fillings your cavities must be at least a few inches deep. After all the decayed matter has been removed thoroughly paint the inside cavity with creosote coal tar or common paint.

A thorough painting of the cavities preserves the wood, disinfects and exterminates all insects. Now drive nails all over the interior of your cavity; the size of the nails to be determined by the depth of your cavity. It is well to drive them far into the tree; it will do no injury, but to the contrary, it will keep the filling from cracking or breaking out and will strengthen the decay-weakened tree. However, about an inch inside your wound from the outside drive in an opposite slant a row of shingle nails about an inch and a half apart. This will help

hold the outside surface of your filling. Should the cavity be very weak, chisel and bore holes large enough for small iron rods. Arrange the rods horizontal and vertical to your best judgment, screw them tight with a nut on the end of the rod and bury the rod deep enough below the live tissue, so that you can place a small filling over each end.

Fill the Cavities.

Your cavity is now ready for filling. Take one part of cement and two parts of sand, mix the same as you would for concrete work, making the cement of a heavy consistency, so it will not run in the wound. In shallow cavities one coat is sufficient. However, in deep cavities would advise applying two coats. If two coats are required, do not fill the cavity in first application, but leave about an inch and a half space for the second coat.

Roughen the first application, and it would be well also to shove shingle nails at various points in the filling, leaving them protrude far enough so that the second filling or outside coat will have a base to cling to.

Take a common table knife and smooth up the outside coat and exercise the utmost care in seeing that the filling is exactly beneath the living tissue around your cavity.

If you get the filling above the live tissue, when it commences to grow over the wound the filling will retard its growth.

Should your filling be very large check the outside surface the same as a concrete walk builder checks his work to prevent surface cracking. A properly filled cavity will not only prolong the life of the tree, but soon you will be gratified in seeing the bark grow over the filling, thereby concealing all traces of the wound, giving the tree a new lease on life until it eventually succumbs to a noble, natural death.

Gladioli and the Dahlias Flowers For All Gardeners

Gladioli and dahlias are everybody's flowers, because anyone with a few square feet of garden plot can grow them. They can be planted next to the foundation of the house or in borders along the fence. They grow well in any soil and produce better results with neglect, than any flowers just now. No special preparation of the soil is necessary for fairly good results. No spraying, no bug or disease fighting to be kept up all summer. Beautiful stately gladioli and dahlias, from the formal show types to the wonderful chrysanthemum like cactus and decorative types, the beautiful little pompons, the peony flowered, duplex century, colerette and wonderful single types in a great range of colors, rods of all shades, whites, yellows and some practically black, making splendid contrast, when the cut flowers are used for decorative purposes.

For cut flowers the customary plan is to plant in single rows, four inches apart in the rows, with the rows twelve inches apart.

A succession of bloom may be had from the middle of July until frost, by planting the bulbs eight inches apart in the row and two or three weeks later making a planting between these. Gladioli are also effective in the herbaceous border.

Keep the plants free from weeds and give them plenty of water when they first appear and later when the flowers begin to show color.

When the blooming season is over the bulbs should be allowed to ripen, when they should be lifted, shaking the earth from the bulbs, allowing them

to dry in the sun a day or two. Use onions. Then cut the stalks off close to the bulbs and put them in open boxes and store in a cool, dry place. During the winter they must be examined occasionally to see that they are not becoming too dry or absorbing too much moisture.

Many Everlasting Flowers Forgotten Are Easily Grown

At one time everlasting flowers were in great favor, but recently they seem to be almost forgotten. The plants of everlasting flowers contain so little moisture that in drying they do not wrinkle, but remain as perfect as when fresh and are particularly valuable in winter for decorating. They are also useful when first cut for mixing in bouquets and baskets of flowers. When dried they retain their form and color for years and make excellent winter ornaments.

In France and Germany great quantities of everlasting flowers are raised and dried and sold in their natural colors, and dyed various colors, while others are bleached. The flowers generally should be picked as soon as they expand, or a little before and hung up in small bunches in the shade, so the stems will dry straight. If the bunches are too large they will mildew.

The usual style of winter holiday decoration makes rooms gloomy by the use of heavy dark wreaths of ground pine, holly and other greens. Light, airy wreaths and decorations can be made of everlastings that will give a cheerful effect.

Some of the everlastings can be dyed at home, others have a glazed surface that is waterproof and consequently cannot be dyed at home. The dyeing of everlastings is an art that the ordinary dyer has not mastered. Those who make it a business first remove the glossy surface so the flowers will take the dye. Bromus and briza are both difficult to dye. Pampas grass dyes beautifully, and is very handsome when dyed in light shades of pink, red and blue. After dyeing it should be dried and then held in a gentle heat over a radiator or hot air register and, gently shaken, will open out into a gorgeous plume. When dried in this manner pampas grass is very inflammable and great care must be exercised to keep it away from fire.

All the everlasting flowers are of easy culture and seeds can be purchased of any large seedman. Acroclinium and ammobium are both small plants; the latter works well in made pieces when freshly cut.

Transplant Cabbage at 5 to 8 Inches

When the cabbage plants are from five to eight inches tall transplant them to their final position at least two feet apart. A little fertilizer worked into the soil at this time will give generous returns.

The varieties are legion, well distributed among early, medium and late types. Worth mentioning are Allhead, Jersey Wakefield, Early Dwarf, Flat Dutch, Stonehead, Drumhead, Early Winnie, and, for cold slaw and salads especially, Danish Round Red.

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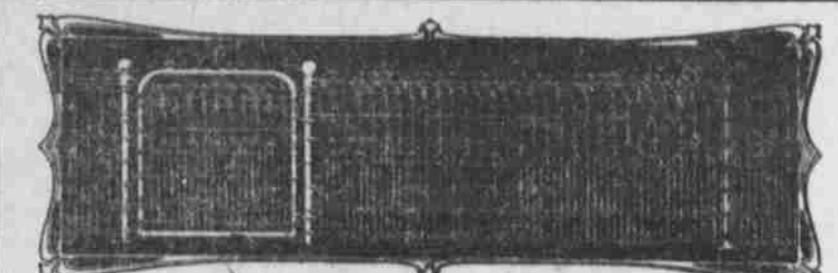
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CHARLTON LEARNS ITALIAN

Young American Held for Murder Speaks the Language.

HE WILL PLEAD HIS OWN CASE

Young Man Will Be Able to Avail Himself of the Right to Address Trial Jury Before and After Evidence is Submitted.

COMO, Italy, March 28.—Porter Charlton, the young American, who killed his wife, Mary Scott Charlton, when they were spending their honeymoon here in June, 1913, has acquired a sufficient knowledge of Italian to avail himself of the privilege under the Italian law to be the first and the last to address the jurors before whom he is to be tried on the charge of murder.

Sympathy for the accused youth has been demonstrated frequently during his detention in the San Donnata jail, since extradition from the United States last August. While Charlton has been studying the language of the country his lawyers have been working up public opinion in his favor. The effect is apparent. Visitors to the jail are many and privileges have been granted to the prisoner by the

director and keepers of the jail. His meals are served from the outside. Good food and daily exercise in the court yard of the Palace of Justice have kept him in fine health.

It may be midsummer before the case is tried, delays being due to extended investigations undertaken by both sides. Charlton's lawyers have been getting in touch with numerous witnesses in America. Twenty of them have been subpoenaed, and it is expected that several may appear personally before the court of assizes at Como to contribute their testimony as to the psychological condition of the accused.

While the case is new in the sense that it is the first time an American citizen has been extradited and tried in Italy, it does not differ greatly from the so-called crimes of passion so frequent here.

Fatality of Crime.

"Studying the terrible drama, we have become convinced and will demonstrate," say Charlton's lawyers in a sketch of the theories they will pursue, "that an obscure and inevitable fatality presides over these awful crimes, which go from love to death, from the loyal to tragedy, by which a human life is suddenly cut short by the hand of a creature who loved, and who still passionately loves, and who after the crime remains terrified, weakened and stunned by what he has done.

incapable of believing that the blood was shed by him.

"Charlton of weak character, inexperienced, overwhelmed by the artful stratagems of Mary Scott, was captured by an almost pathological fascination, had his conscience weakened and enslaved and became the easy tool of ingenuous and illogical excuses.

"To prove this we have added to the documents of the trial the interviews with Dr. Provoicini, major in the royal navy, who traveled as royal commissioner aboard the steamer which brought Charlton from New York to Naples. Dr. Provoicini, after having studied Charlton for about two weeks, expressed the opinion that at the time of the crime he was in a state of 'moral infancy' and therefore in a condition of not realizing the enormity of what he had done.

"In the majority of cases these crimes arouse the pity, not the severity of the jurors. If the accused is acquitted the reason will not be found in sentimentalities or distortions of the human sense of justice, but rather in the conviction of the jurors that human agencies should not inflict further penalties upon the man before them, who, having made a victim of another, is himself the victim of an inexorable fate.

"We shall prove before the court of assizes that the Charlton drama is due to an aberration which upset the normal mental faculties of the accused. This will clearly appear from the interrogation of witnesses, and our contention will be further supported by the testimony of Italian alienists."

Leopold's Fortune is Estimated to Be Worth \$21,000,000

BRUSSELS, March 28.—The private fortune left by King Leopold amounts to \$21,000,000, according to a government memorandum attached to the bill for settlement of the estate. The figures support the reputation which Leopold had of being one of the shrewdest business men in Europe, and as large as they are, they do not include about \$6,000,000 given to the Baroness Vaughn, second wife of the king, nor various other millions he gave away. In the long itemization of his personal property it appears that he held shares in companies all over the world to the present total value of \$12,000,000. As previously announced, the Belgian government proposes to pay the three daughters \$2,000,000 each in consideration of their giving up further claims, and to pay the Empress Charlotte of Mexico \$700,000 for the royal properties of Clermont and Ardennes. The state will also re-

nounce a claim for about \$700,000 of shares in the Congo, which King Leopold had given to his unfortunate sister, Charlotte, and pay \$1,200,000 for that part of the millions invested in the foundation of Niederfubach which had not been turned over to the state as a part of the Congo public property.

The government will also pay another \$1,200,000 to the royal princesses for furniture, paintings, jewels, Egyptian antiquities, silver and gold table services, and about 30,000 acres of land in the Congo, which belonged to the Princess Clementine, the wife of Prince Victor Napoleon. Besides all these sums something like \$1,200,000 were paid over to the heirs immediately after King Leopold's death.

BRITONS HAVE LEGAL RIGHT TO HISS PLAY

LONDON, March 28.—The Briton has a common-law right to hiss a play, provided he does so within bounds. This right, first affirmed in a case reported in 1818, has been reaffirmed by a Dublin magistrate, who discharged a man charged with hissing a play recently imported from the continent. The defendant said the play was "foreign filth," and he considered it his duty to protest. His protest was so violent that the play was interrupted for some minutes.

MRS. M. CLARKE PIONEER OMAHA RESIDENT, IS DEAD

Mrs. Almira A. Clarke, for many years a resident of Omaha, widow of the late Artemus M. Clarke, died at her home in Beverly Hills, Cal., Tuesday, the 24th inst. The body will be brought to Omaha for interment in the family burial plot at Forest Lawn cemetery. The funeral services will be held at the First Baptist church, Twenty-ninth and Harney streets, Monday, at 1:30 p. m., conducted by Rev. W. Jasper Howell.

Key to the Situation—See Advertising

SKELETON OF DOG OF STONE AGE IS FOUND

ROME, March 28.—The only complete skeleton in Italy, of a dog of the Stone Age is now on view in the Ancona museum. The animal, following its master, is believed to have roamed the valley of the Po several thousand years ago. Dog and man were buried together, and their bones are today displayed in the ancient tomb from which they were unearthed.

Kelley's Army is to Be Fed by Police While in This City

A nice, quiet reception has been arranged by Police Commissioner A. C. Kugel and Chief of Police Henry W. Dunn for the famous Kelley's army of the unemployed when it reaches Omaha. Contingent to general impression, the army will be housed and fed here and then sent rejoicing on its way. The old county jail has been cleaned up and the "soldiers" will be sheltered there. The cooking force at the city jail will feed them. "They'll probably be hungry," said the chief of police, "and what should be done with a hungry man? He ought to be fed, of course. We do not want to keep them here, but they'll have to stay for a little while, so we'll put them in the jail overnight.

Although the army is expected to arrive in Omaha en masse, it is reported to be separated into small companies. The chief of police believes these companies will congregate and knock in concert at the city's gates.

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