

WHAT TO PLANT FOR CITY SHADE

SMITHSONIAN INSTITUTE
GIVES HELPFUL ADVICE

Poplars Should Be Used Only for Interplanting With Long Lived Trees—Directions for Pruning Given by Institute's Dendrologist—Replacing Useless Trees.

Advice on tree planting for cities and towns that is applicable to Pendleton and the growing towns in the west end of Umatilla county as well, was given Attorney H. S. Blanford of Walla Walla in answer to a letter recently written the Smithsonian Institute at Washington regarding the treatment of city trees in a letter from George B. Sudworth, dendrologist in the forestry department, to which the latter recites a few points to be observed in the care of city and town trees.

"Fast-growing trees," he says, "such as poplars, silver maple, etc., which soon get beyond useful size, especially when placed in narrow streets, require cutting back to keep them within bounds, while slow-growing and long lived trees will of course not require this attention."

In selecting trees for use in parks and streets, Mr. Sudworth goes on to say attention should be given to their life and usefulness. Short-lived trees, such as the poplar and silver poplar, should be used only for interplanting between the long-lived ones which are to serve finally, the short-lived ones being taken out as soon as the others have come into sufficient size.

The irrigation of city and town trees, the dendrologist thinks, is a matter of special consideration and each situation needs to be worked out upon its own special merits. It is possible, he believes, to supply water regularly to trees through the placing of tiles near the trunk and by connecting the tile which sinks to the root of each tree with a surface run of tiles. The water let in at the upper end of the street will then supply a long line of trees.

Pruning and other care of ornamental trees is thoroughly discussed and explained in an article enclosed with the letter, and is printed in full below:

Kinds of Pruning.

In order to secure certain very important results, it is necessary to prune shade trees at stated periods. The necessities for pruning shade trees may be divided under three heads:

(1) Removal of dead branches, (2) of living branches for the purpose of relieving encroachment upon a neighboring tree.

The important requirements following pruning for these purposes is that the wounds should heal promptly. This will be attained best by cutting maples and birches during October, November and December, and other trees from November to April. Wounds made later will lose a full season's healing growth.

(3) Heading-in, or severely shortening the limbs to secure new top growth. The trees which may require and will endure, this treatment are mainly poplars, willows, silver maple, sycamores, locusts and tulip trees.

The most vigorous and fullest growth of new top shoots will be secured and prompt healing of wounds about by cutting the tree before or at the time spring growth begins. Maples and birches should be cut during October and December; if cut from January to April, the wounds are likely to flow sap, to the injury of the tree. Other species may be cut back from November to April. The new shoots resulting from pruning during these periods have the great advantage of a full season's growth, which likewise hastens, to the fullest extent, the healing of wounds.

Manner of Pruning.

Limbs destined to be removed entirely should be cut close to the trunk or other point of origin. In taking off limbs of considerable size an undercut should always be made first, in order to prevent them from splitting off splinters of bark and wood from the trunk. The main body of very heavy limbs should be cut off at a point several feet from the trunk, after which the stub can be amputated without damaging the trunk. The surface of the wound should be brought in line with the general contour of the trunk. No pains should be spared to accomplish this. The surface of the cut should be smooth, all raggedness being removed with a sharp knife, chisel or other instrument.

Under no circumstances should protruding stubs of limbs be left. They give an unsightly appearance to the tree and sooner or later admit decay, which will seriously weaken or destroy the trunk.

What to Prune.

Reference is made under "Kinds of Pruning" to the necessities for pruning:

1. All dead branches.
2. Such living branches as should be removed entirely, or shortened, to relieve injurious encroachment upon neighboring trees.

3. Heading in to secure new top growth.

Proper observance of these requirements does not include the cutting of living branches for any other purposes. Likewise, it does not include stripping branches from trunks and large limbs of oaks, maples, elms, sycamores, etc., for sake of "saving the vitality of the tree," etc.

Before pruning to relieve the encroachment of one tree upon another, the future and permanent value of the trees concerned should be most carefully considered. Not infrequently the natural beauty of a long-lived

and very valuable tree has been destroyed by senseless cutting in order to preserve intact some comparatively worthless and short-lived.

Protection of New Wounds.

All wounds should be thoroughly coated with lead paint to prevent decay. This is best done three to four days or a week after the cutting, which will allow the surface of the wound to dry out sufficiently to absorb the paint effectively. In exceptional cases wounds may be painted immediately after cutting, particularly when to do it later would necessitate dangerous reclimbing of a tree.

Care of Old Wounds.

Neglected, unhealed wounds, the unsightly results of improper pruning, which are exceedingly common in street and park trees, may be greatly improved, and the life of many trees saved or prolonged, by judicious treatment. Dead, protruding stubs should be cut off close to the trunk and into the living wood. Later the wound will heal over. Large wounds with decayed centers or exposed cavities should be cleared of rotten wood down to the sound tissue. After the surface of the cavity has become moderately dry, it should be protected from further decay by a coating of coal tar, creosote, lead paint or other effective wood-preservation. The cavity may then be filled with cement, preferably colored to approximately as nearly as possible the color of the surrounding trunk.

Replacing Useless Trees.

Numerous old, decrepit and storm damaged trees may exist. They are unsightly and so disfiguring as to be beyond recuperation. The present and future good appearance of these situations require that all such useless trees be replaced by suitable young trees.

Where Bullets Flew.

David Parker, of Fayette, N. Y., a veteran of the civil war, who lost a foot at Gettysburg, says: "The good Electric Bitters have done is worth more than \$500 to me. I spent more money doctoring for a bad case of stomach trouble, to little purpose. I then tried Electric Bitters, and they cured me. I now take them as a tonic, and they keep me strong and well." 50c at Tallman & Co.'s and Pendleton Drug Co.

EXPULSION FROM SCHOOL FOR RIDING WITH BRYAN

New York, Oct. 1.—A special to the World from Brockton, Mass., says:

It is said that the fact has never been published before that Mrs. William J. Bryan before her marriage to Mr. Bryan was once expelled from school on account of taking a carriage ride with Mr. Bryan. The Rev. Julian S. Wadsworth, pastor of the Central Episcopal Church of Brockton, accompanied them on that memorable ride. The future Mrs. Bryan was then attending Jacksonville Presbyterian academy in Illinois. It was while Bryan and Wadsworth were students at Illinois College in Jacksonville. She was later reinstated and became valedictorian of her class, as did Mr. Bryan of his.

FLEET VISIT IS ONLY FOR BUSINESS PURPOSES

Washington, Oct. 1.—"The visit of the Pacific fleet to Manila is for business, not pleasure, and there will be no plans considered for the entertainment of the fleet until all business is finished," was the statement made by Secretary Metcalf. The announcement means that all receptions planned for the first and second visits of the fleet on October 1 and 31 are to be postponed.

EARTHQUAKE SHOCK IS FELT IN FAR NORTH.

Fairbanks, Alaska, Oct. 1.—An earthquake shock, distinct, but of short duration, was felt here last night. At the same time the sky was most brilliantly illuminated by the aurora borealis.

Kodol is a combination of the natural digestive juices and it digests all classes of food and every kind of food, so you see it will do the work that the stomach itself does. Sold by Tallman & Co.

BETTER FRUIT FOR UMATILLA

DISPLAY FORTTELLS
WONDERFUL FUTURE.

Hermiston Booster Declares That Better Methods Are Needed to Develop Possibilities of District in Fruit Growing as Shown at the Umatilla-Morrow Fair—More Spraying and Better Packing Are Necessary for Best Returns.

"Fine as it is, the fruit display at the Umatilla-Morrow county fair is no more than a suggestion of the possibilities of this district," said Sam Oldaker, the Hermiston rear estate man, last evening. Mr. Oldaker, who is one of the pioneers of the government project, having been chief engineer of the scheme under the old Maxwell system, was enthusiastic over the showing this year, but declared that heartier co-operation among the fruitgrowers even in the undeveloped section of the west would have resulted in a better showing.

"The trouble is that not enough attention is paid to producing the very highest excellence in fruit—something of which this county is exceptionally capable. Of course, Hermiston has practically nothing to show, for this is our first year under government water, but the other exhibits from the west end are not nearly up to the standard. I have seen much better fruit from the Umatilla meadows and Irrigon than I saw at the fair."

"The trouble is that the fruit-raisers do not live up to their opportunity. The scientific observations of the government show that this district, more particularly in the Hermiston-Echo-Irrigon country, has the greatest natural advantage for a fruit country in the United States, but the producers do not meet a beautiful nature half way."

"Looking over the exhibits here I don't believe that more than one or two individual exhibitors have sprayed their fruit this year. There were worms, scale, or bitter rot on every showing of apples or pears I saw except only one."

"I believe that Hermiston will set a better example when our district is producing fruit, because even now our Fruitgrowers' association is taking steps to lead the producers in developing the greatest possibilities of their orchards."

"Another thing: The showings of the fair are woefully deficient in packing in the instances where boxes were exhibited."

"Take for instance, the Milton exhibit. For color and size I have never seen handsomer apples than some of those shown there, but the exhibitors were in many cases too negligent to properly polish their fruit while the packing is far from up to the standard."

It is a well known fact that much of the fancy prices secured by Yakima, Wenatchee and Hood River is due to the fancy pack and the attractive appearance of a box of their apples when placed on the market.

"I don't want to be classed as a knocker, for I think the present show is much better than ever before, but I do want to see it boosted to the limit."

"There are millions in fruit in this district if the grower will apply common business sense in the caring for his product to get the highest possible price."

"Nature here does everything possible but she leaves something up to the man himself."

A Healthy Family.

"Our whole family has enjoyed good health since we began using Dr. King's New Life Pills, three years ago," says L. A. Bartlett of Rural Route 1, Guilford, Maine. They cleanse and tone the system in a gentle way that does you good. 25c at Tallman & Co.'s and Pendleton Drug Co.'s drugstores.

Don't Burden Yourself Now With Unnecessarily Heavy Wearing Apparel.

How you dress during the brisk, snappy days following Summer and preceding Winter, will determine whether you are to be a victim of colds or whether you will be able to go through this winter without endangering your health.

We have a complete line of

Sweater Coats For Ladies and Children

Just the kind of a garment for early Fall and Winter wear. Ladies' Sweater Coats priced at

\$3.00, \$3.50, \$4.00, \$5.00 and \$6.00

Children and Misses' Sweater Coats priced at

\$2.00, \$2.50, \$3.00 and \$4.00

ALEXANDER'S DEPARTMENT STORE

Notice.

We hereby agree to close our respective places of business next Saturday evening, October 3, between the hours of 7:30 and 10 o'clock.

R. Alexander.
The Peoples Warehouse.
Bond Bros.
Workmen's Clothing Co.
F. E. Livingood & Co.
Boston Store.
H. H. Wessel.
Despain & Bonney.
Max Baer.
Gray Bros' Grocery Co.
Standard Grocery.
Will Ingram.
G. H. Clark.
Campbells.
Carriers.
The Vogue.

You take Kodol just for a little while when you have slight attacks of indigestion, and you take it just a little longer in order to get relief from severe attacks of indigestion or Nervous Dyspepsia. Try Kodol today. Sold by Tallman & Co.

Horses for Sale.

Several head of fine horses and mules for sale at the Oregon feed yard. Will be there until Saturday only. Enquire of F. E. Parker.

"Oregon Builders"

Are you doing what you can to populate your State? OREGON NEEDS PEOPLE—Settlers, honest farmers, mechanics, merchants, clerks, people with brains, strong hands and a willing heart—capital or no capital.

The Oregon Railroad & Navigation Co.

Is sending tons of Oregon literature to the east for distribution through every available agency. Will you not help the good work of building Oregon by sending us the names and addresses of your friends who are likely to be interested in this place? We will be glad to bear the expense of sending them complete information about OREGON and its opportunities.

COLONIST TICKETS will be on sale during SEPTEMBER AND OCTOBER from the east to all points in Oregon. The fares from a few principal cities are

From Denver - \$30.00	From Louisville - \$41.70
" Omaha - 30.00	" Cincinnati - 42.20
" Kansas City 30.00	" Cleveland - 44.75
" St. Louis 35.50	" New York - 55.00
" Chicago 38.00	

TICKETS CAN BE PREPAID.

If you want to bring a friend or relative to Oregon, deposit the proper amount with any of our agents. The ticket will then be furnished by telegraph.

F. J. QUINLAN, Local Agent, Pendleton, Ore.
or write

Wm. McMURRAY

General Passenger Agent, Portland, Oregon.

Be Sure and Attend the SACRED CONCERT

In the Fair Pavilion
SUNDAY EVENING
DE CAPRIO'S BAND

Two Hours of Musical Enjoyment
furnished by talented artists
---a rare treat for Pendleton people.

Hours 8 p.m. to 10 p.m.

No confettie selling or throwing.

No noise to mar the entertainment.

An evening's entertainment such as you rarely see.

Come and bring all the family.

Tickets Now Selling

THE EIDSON

MOVING PICTURE SHOW
Lindsey & Dewesse, Props.

Next to the French Restaurant.

Entire Change of Pictures and Songs.
Sunday, Tuesday and Friday.

Open afternoons 2 to 5. Evenings 6:30 to 10.

ADMISSION, ADULTS 10c, CHILDREN 5c

Eidson's latest model "Underwriters" machine.

Best Imported and Domestic Films
shown as they should be shown."