THE COLUMBIAN, BLOOMSBURG,

The Zoological Press Bulletin

Surface, State Zoologist.

EARLY DAMAGE TO TRUES BY RAB-

sylvania, who planted an apple or- was flowing, and from which it was chard last spring, wrote to Prof. H. carried by the insects. It is possi-A. Surface, State Zoologist, Har- ble to control this disease by prompt risburg, that for the past two attention to cutting out the branch months rabbits have been "bark- es that have been attacked and ing" the trees, and some of the burning them, being careful to trees have been already seriously sterilize the pruning knife occa-injured. He asked for a "sclu- sionally." tion" that could be rubbed on the trees to stop further damage, and Elwell's Concert, Theatre and Dance inquired as to the merits of gas tar for that purpose. He said that one of his neighbors had used grease or tallow with success,

Professor Surface answered as follows

"Replying to your recent letter, I beg to say that it is unusual for rabbits to peel trees at this time of Knight Templar Dance, Masonic year, but I am satisfied that the methods of preventing this destruction during the winter would be efficient and safe now. Among these are the following, stated in the order of preference by myself:

- 1. Painting with white lead and raw linseed oil, made as thick as house paint,
- 2. Painting or spraying with the boiled lime-sulfur wash containing considerable sediment.
- 3. Rubbing the trees with tallow, blood, of a treshly killed rabbit, or the entrails of any animal.
- 4. Protecting by means of wire netting.
- 5. Use of poison, traps, dogs and gun.

"As a matter of fact, Number 5 should be combined with any one of the others. During the winter rabbits will often leave the trunks of trees alone if freshly cut branches are dropped on the ground where they can not fail to get them. I do not know if this would work in summer, but recommend a trial.

"A gentleman has just written to me that he used coal tar successfully for borers, but did not state the kind of trees on which he used it. I am seeking further information on the subject. If coal tar or gas did not injure his trees, it would be effective in preventing seasons in New York and is said to damage by borers and rabbits, but I do not think it is safe to recommend this as a preventive, for, in my opinion, there is some danger revolves about Billy, whose father has been murdered. Billy takes of damage to the trees, excepting under unusually favorable conditions. I once saw what was formerly a nice orchard that had been killed by the application of mixed tar and linseed oil."

BLIGHT ON QUINCE TREES.

broken or injured bark, and is of the Division of Zoology, Penn- doubtless carried by insects of vasylvania Department of Agricul- rious kinds that would carry the ture. Timely Topics of Plants and sap from one place to another. It Pests Discussed Weekly. By H. A. is certainly evident that it may sometimes enter the flowers, having probably been carried to the flowers by flies, wasps, bees, ants, etc.,

from blighted portions of the bark, A fruit grower of southern Penn- where the diseased or infected sap

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GATES WEDDING FEE \$1,005.

He Meets Old Pastor and Gives Him Check for \$1,000.

Scattle, Wash .- As John W. Gates cas stepping into his private car at the King Street Station here, a white-

haired man stepped up and extended his hand. "Hello, John!" he said. "Well, how are you, Mr. Foster," re-

plied Mr. Gates as he vigorously shook the hand. Forty years ago Mr. Foster was min-

ister of the little Methodist Church at St. Charles, Ill. He married Mr. Gates, then living on a big farm south of Turner Junction, Ill., and Della Baker, whose father was Superintendent of the Sunday school. "When you married me I only gave

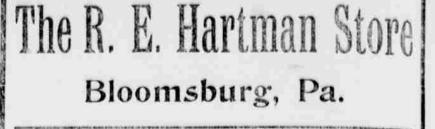
you a five-dollar fee, but I'll make up for it now," said Mr. Gates, as he wrote his check for \$1,000, handed it to the astounded minister, and swung aboard his car as the train pulled out.

Card Signs For Sale.

The following printed card signs are kept in stock at the COLUMBIAN)FFICE No Admittance. For Sale. This Property for Sale.

This Property for Rent. This Room for Rent. Post No Bills.

Keep off the Grass, and others. Window Cards, Step Cards, Trol-ley Advertising Cards, and Card Signs of any kind, up to 22 by 28 Signs of any kind, up to 22 by 28



New Goods At New Prices

Everything in this advertisement has just arrived and our prices will show the power of spot each buying. Many items are in small quantities and cannot be duplicated at these prices.

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25c. Shirts. Men's and Boys' shirts in light and dark madras and percale at less than cost of making.

5c. Men's Half Hose, 300 pairs Men's black socks at half the price usually asked.

IOc. Hose Supporters. Women's Military Hose Supporters in all colors.

IOc. Children's Waists and Drawers. Muslin waists and drawers in all sizes to start with, well made and much under price,

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ELOOMSBURG, PA.

THURSDAY, OCTOBER 7, 1909

Autumn Arbor Day.

State Superintendent Schaffer has issued the following: HALL TO THE TREES.

"Patient and generous, mothers of mankind; Arching the hills, the minstrels of

the wind. Spring's glorious flowers and summer's

balmy tents, A sharer in man's free and happier

sense The trees bless all, and then, brown

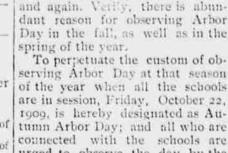
mantled, stand The sturdy prophets of a golden land."

During May of last year meet-

ings were held at the White House in Washington for the purpose of promoting the conservation of our natural resources. These meetings were attended by many of our leading statesmen, scientists and captains of industry. In the opening address the President said:

"We began with an unapproached heritage of forests; more than half the timber is gone. We began with coal fields more extensive than those of any other nation, and with iron ores regarded as inexhaustible, and many experts now declare that the end of both coal and iron is in sight."

the ensuing complications becomes an outlaw. There is much good The ultimate failure of the supcomedy introduced to lighten up plies of iron and coal is not more of the more strenuous portions of the a menace to the future of our naplot, and a pretty love story runs tion than the gradual destruction of the soil by floods and freshets and its exhaustion by improper methods of farming. We derive most of our food from the fields and the streams, from the garden, the orchard and the forest. The want of iuel may be supplied by the use of water power to generate electricity that can be changed into light, heat and motive power. On The other hand, it takes decades of growth to reproduce an orchard, or a forest, and ten thousand years to form soil a foot in depth. It is claimed that forests help to clouds and rainfall. They surely aid in regulating the flow of the water in our streams and rivers, and in lessening the size and fremency of the floods and freshets which carry off silt and soil and hereby diminish the fertility of he land. The value of trees for shade, for eauty, for fuel, for timber and for ther economic purposes should be mphasized by every teacher. The slanting and care of trees, their rotection from fire, insects and other enemies, the wonderful proesses of budding and grafting hould be taught in every school.



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The sin of robbing or marring a

tree, a shrub or a flower unless it

has something to give which one

needs, should be pointed out again

able exercises. BOYS: GIRLS: COLUMELS BICYCLE FREE: Greatest after out. Get your friends to subscribe to our magazine and we will make you a pres-ent of a \$40.00 Columbia Bicycle-the best made. Ask for particulars, free outpt, and circular telling "How to Start," Address, "The Bicycle Man," 29-21 East 23d Street, New York Cirp, N Y. 9-23-31,

"BILLY, THE KID."

The popular Western melodrama, 'Billy, The Kid,' which will be

the next attraction at the Columbia

Theatre, Thursday, October 7, has

been seen several times during past

have proven eminently satisfactory

to the melodramatic audiences who

have seen it. The plot of the story

an oath to avenge his death and in

urged to observe the day by the planting of trees and by other suit-

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is mercury will surely destroy the ense of smell and completely de ange the whole system when enering it through the mucous suraces. Such articles should never >2 used except on prescriptions rom reputable physicians, as the lamage they will do is ten fold to ne good you can possibly derive com them. Hall's Catarrh Cure, nanufactured by F. J. Cheney & lo., Toledo, O., contains no merury, and is taken internally, actag directly upon the blood and aucous surfaces of the system. In uying Hall's Catarrh Cure be sure ou get the genuine. It is taken iternally and made in Toledo, thio, by F. J. Cheney & Co. Tesmonials free.

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scenic settings are unique in the naturatness represented, and the supporting company is highly spoken of.

through the entire four acts. The



While hauling heavy pipe for the Tide Water Pipe Line near Bran-donville on Wednesday, Boyd Vetter's wagon upset on a side hill, and he was pinioned down by the branches that are blighted. This pipes. Fellow workmen soon released nim, and he was taken to his condense the vapors of the sky into home at Mainville, about 12 miles with other folks than ourselves. from the place of the accident, in W. McKelvy's automobile, which happened along at the time. Mr. Yetter's legs are badly bruised, but no bones are broken.

> A fine new line of Wedding invitations just received at this office.

> > "Uncle Tom's Cabin.:'

That old, old story, so new to present day theatregoers, "slavery days' will be realistically interpreted Friday evening, October 8th. in Columbia Theatre by Steison's spectacular "Unc'e Tom's Cabin" company. For this season, the members of the Stetson company

were selected especially for his or her adaptability to the roles essay. ed. The result has been a rarely harmoniously whole, it is claimed, which has done much to add to the effectiveness of the production. Manager Washburn has the one great, unequaled organization, and that is why his Stetson production paint. always brings out the theatre-going crowd.

Centralia will soon have a national bank with a capital of \$25,000, half of which has been paid in, and an application has been made by the methods here given. It is for a charter.

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Does your head ache or simply feel heavy and uncomfortable? Does your back ache? Does your side ache? Do you feel fagged out? The tonic laxative herb tea known as Lane's Family Medicine will clear your head, remove the pain in side or back and restore your strength. Nothing else is so good for the stomach and bowels. At druggists' and dealers', 25e

A letter was received at the Di- inches in size, white or colors, vision of Zoology of the Pennsylva- printed on short notice. nia Department of Agriculture, in reference to the "blight" that attacks quince, pear, apple, and other trees, but especially the two first mentioned. The letter was worded as follows:

"For a number of years we have grown quinces, and almost every season we have noticed the ends of a considerable number of the year it has been so to a considerable extent, and we find that it occurs Will you please be kind enough to let us have some information in regard to the subject?"

State Zoologist Surface replied, saying:

"This no doubt is due to a plant disease known as Fire Blight, Twig Blight, Black Blight, Pear Blight, and other names. It is a bacterial disease and exists within the twigs. It can not, therefore, be destroyed by sprays because external applications will not reach it. It is necessary to cut off the blighted parts, being sure to cut off some distance. or at least one-half foot, below the blighted portion, and gather the twigs thus removed and burn them, occasionally dipping the knife into some disinfecting material, like dilute formalin solution or turpentine, in order to sterilize it and prevent the possibility of carrying the blight germs from one twig to another. You may find some blighted spots in the bark, and these likewise should be cut out and washed with turpentine or

"This disease infects the quince, apple and pear, and in some places is very destructive. As it can not be cured in the sense of actually curing a branch that is blighted, it is necessary to prevent its spread important to look over all such trees with blighted twigs and remove them at this season of the year, before the leaves fall, as they can be more casily found now than during the winter.

It is probable that Blight spreads most in the early spring when the sap commences to ooze from the

tf.

Yarn Will Cut Steel.

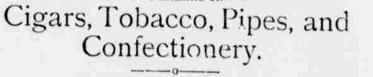
Yarn, with powdered stone, can cut a steel bar. Major McClaughry, warden of the federal prison at Fort Leavenworth, Kan., once found a prisoner who was supposed to be pounding stone working away at one of the bars to an outside window. The man was induced to give a demonstration. A grating of the same description was placed in his cell and a guard stationed over him to watch the cutting process. With the limestone dust and silicate from the stone pile, the yarn from his sock and a little water, the man cut the bessemer steel bar in eighteen working hours. With some fine emery, a chalk line and two wooden handholds to save his fingers he made a clean cut of the other bessemer bar in five house.

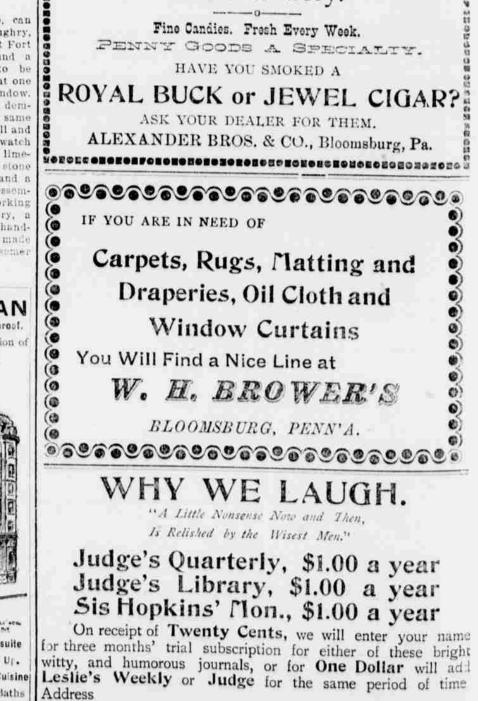


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