

THE COLUMBIAN.

BLOOMSBURG, PA.

THURSDAY, JULY 15, 1909.

The Zoological Press Bulletin

of the Division of Zoology, Pennsylvania Department of Agriculture. Timely Topics of Plants and Pests Discussed Weekly. By H. A. Surface, State Zoologist.

CULTIVATE THE ORCHARD.

"The young orchard should be cultivated," says State Zoologist Surface, "but not with grain or grass crops. Corn, potatoes, beans, or other vegetables, well cultivated, are ideal for a young orchard. The ground should be stirred every two or three weeks until the middle of August. In going through the orchard with the harrow, care should be taken not to injure, bruise, or 'bark' the trees. To avoid this the horses ought to be muzzled and the outside portions of traces and whiffletrees padded."

In going through some young orchards early in the season, for the purpose of demonstrating pruning, Prof. Surface found many cases of trees which had been seriously damaged through being grazed by whiffletrees, or struck or bitten by the horses. In going through the orchard rub off all unnecessary sprouts.

GETTING RID OF ANTS ON LAWN.

A letter addressed to the Penna. Department of Agriculture was referred to State Zoologist Surface, in which the writer asked for information as to how to get rid of ants on his lawn, and stated that a certain fluid had been recommended to him by the Department, the name of which he had forgotten.

Prof. Surface replied that the material which he recommended, to which the writer had reference, for destroying ants on lawns, is carbon bisulfide, and then continued as follows: "This is a foul-smelling liquid which volatilizes, and the fumes of which at once destroy the pests. Make holes in the ground near their nests. Make these to a depth of a foot or more, and from one to two or three feet apart, according to the porosity of the soil. Pour into each hole from one-third to one-half teacupful of bisulfide of carbon, and close it with earth by tramping it in. It may possibly increase the efficiency by covering the holes with wet blankets, or something to hold the fumes down for a while. Keep fire away from the liquid and its gas. It will not injure vegetation."

SHOT HOLE BORERS ARE SERIOUS PESTS.

One of many letters recently received by the Division of Zoology of the Penna. Department of Agriculture, Harrisburg, in reference to the inroads of insect pests was worded as follows:

"Enclosed find a small collection of insects. They attacked an apple tree and killed it in four days. They bore a small hole through the bark. Please let me know the name of the insects and how to kill them."

Prof. H. A. Surface, the State Zoologist, replied to this letter as follows: The pests you sent us, and which are boring in your apple trees, are shot-hole borers, or bark borers, sometimes called Scolytids. They are serious enemies of fruit trees, as you have seen. You should cut and burn all trees or branches infested by them, in order to keep them from spreading to other trees. They attack only trees that are declining, and there is no real remedy for them, because they work beneath the bark. However, you may possibly aid the trees to overcome their effects by digging about them, cultivating them, mulching them, fertilizing them and watering them; water frequently notwithstanding the rains, using one teaspoonful of nitrate of soda in each gallon of water. Whatever you can do to make the tree gain vigor or growth will

How's This?

We offer One Hundred Dollars reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

J. CHENEY & CO., Toledo, O. We, the undersigned, have known J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by his firm.

WALDING, KINNAN & MARVIN, Wholesale Druggists Toledo, O. Hall's Catarrh Cure is taken internally, acting directly upon the food and mucous surfaces of the system. Testimonials sent free. Price 75 cents per bottle. Sold by all Druggists.

Take Hall's Family Pills for constipation.

be worth while. No sprays will reach this pest."

WAGE WAR AGAINST FLIES.

House flies have not become, up to this time, as numerous as they usually are at the outset of July. The cause of this may be ascribed to the cool, wet weather of this very backward season. But they will soon be plenty enough, and it behooves everybody to wage an incessant warfare against them. They are the filthiest of all insect pests, and are carriers of disease germs. They pollute the food man eats, and may infect him with the germs of tuberculosis, diphtheria, typhoid fever, and other communicable diseases.

This is the information sent out from the Division of Zoology of the Penna. Department of Agriculture, which brands the house fly as about the worst enemy of mankind, and recommends that timely action be taken to keep the evil due to its invasion at a minimum. Prof. H. A. Surface, the Zoologist of the Division, recommends the immediate screening of windows and doors; the keeping of food screened, especially milk; the keeping of flies away from sick persons, especially those suffering with contagious diseases; and the catching and destroying of flies as they appear.

Sticky fly paper, traps and liquid poisons are among the things to use in killing the flies, but the latest, cheapest and best is a solution of formalin or formaldehyde in water. A spoonful of this liquid put into a quart of a pint of water and set where they can find it and drink it will be enough to kill all the flies in the room. A cheap and perfectly reliable fly poison, one which is not dangerous to human life, is bichromate of potash in solution. Dissolve one dram of the drug, which can be obtained at any pharmacy, in two ounces of water, and add a little sugar as sweetener. Put some of this solution in shallow dishes, and distribute them throughout the house.

To quickly clear apartments where there are many flies, burn pyrethrum in the room. Keep the fly nuisance at a minimum by the use of disinfectants in garbage boxes and cans, on manure piles and among all refuse. This can be done by freely sprinkling with chloride of lime or with kerosene. Keep house sewers and drains in good order, and covered, and repair all leaks at once. It is of the utmost importance to clean all stables, pig pens and other breeding places of "The Filthy Fly" at least once a week.

Pour kerosene into the drains. Cuspidors should be cleaned frequently; certainly once a day. Keep a 5 per cent. solution of carbolic acid in them constantly. Do not allow decaying organic material of any kind on or near your premises, nor allow dirt to accumulate in corners, or behind doors. If extra care in observing cleanliness is used, and the directions above given are faithfully carried out, the fly nuisance can be greatly mitigated.

Mother Gray's Sweet Powders for Children. Successfully used by Mother Gray, nurse in the Children's Home in New York, Cure Feverishness, Bad Stomach, Teething Disorders, move and regulate the Bowels and Destroy Worms. Over 10,000 testimonials. They never fail. At all Druggists, 25c. Sample Free. Address, Allen S. Olmsted, Le Roy, N. Y.

A Curious Find.

A curious find was made a few days ago in the wood tract back of Shohola, Pike county, Pa., which is being cut off and converted into lumber by the Pennsylvania Lumber Company. A huge pine tree was cut down, but the butt was defective and in order to secure a sound end to the log, the diseased portion was cut off. In doing so it was found that this portion of the tree was hollow and the aperture had grown over so that it was not observable to the wood-chopper. In the hollow was an old-fashioned flint-lock musket, such as was in use by the pioneers of that region. As the spot where the musket was revealed is in the neighborhood of the bloody battles of Minisink, which occurred between the whites and Indians on July 22, 1779, in which the former were defeated, it is supposable that the gun may have belonged to one of the wounded stragglers of the defeated patriots, who had wandered off and died in the woods.

TAXPAYERS TAKE NOTICE.

An Appeal from Town taxes for 1909, will be held Saturday, July 17th, 1909, at the Council Room, between the hours of 2 and 5 P. M.

BY ORDER OF THE COUNCIL.

Children Cry FOR FLETCHER'S CASTORIA

ANTS SEND FALSE ALARMS

Kept Closing the Circuit with Their Bodies and Routing Out the Firemen.

Summit, N. J.—There is a red ant colony in this city that has been sending in false alarms over the fire alarm telegraph system and getting the firemen out of bed two and three times at night right along. City Electrician Walter F. Shapter stood watching their researches the other night while the firemen were jumping in and out of bed as the whistle blew, and stopped for nearly an hour.

Shapter had been searching for the cause of the pranks of the fire alarm and had no success. But finally he opened up box 38, at Waldron avenue and Whitridge place, which is in the locality where the trouble seemed to exist, and there the whole secret was revealed to him.

"There must have been about a thousand ants in that little box," said Shapter. "They almost filled it. Most of them were scurrying around seemingly with no object, but when I looked closer I found they were carrying the dead away. Forming long lines, they would run up to the bottom of the box where there was a heap of dead ants, each one would pick up one of them and struggle out of a crevice down the pole to the ground. At first I could not imagine what had killed them, but as I watched I saw the whole thing.

"While one detachment of the army was carrying away the dead another detachment was lining up for another sacrifice. First a group would form on the metal plate at the bottom of the box. Others would take positions ahead of them, and as the line stretched out I saw they were heading for an exposed part of the circuit just above. As soon as the line was completed and the last little red ant took his position, tall in the grip of his follower and fore feet at the exposed part, the circuit would be shorted and the whole of it would be going through their little bodies. There was a flash and a sort of a click. The whistle blew in the distance and there was a heap of dead ants at the bottom of the box on which the carriers at once began to bury themselves.

"Fascinated, I watched it for nearly an hour and I couldn't tell you how many ants I saw go to their death. I marvelled at it and tried to guess what their object was. I'm sorry the men were bothered by the whistle, but I am glad I saw that wonderful sight."

BOSS OF THE SENATE



New Lines Appear on Sen. Aldrich's Face as a Result of His Tariff Labors.

RATTLER YIELDS TO RATS.

Snake Killed by Two Rodents Intended for His Breakfast.

Dalton, Ga.—Two big gray rats fought a battle with a rattlesnake here and the rats won. The snake was purchased by a grocery firm for a window display. Early in the morning two big rats were obtained as food for the snake.

When the rats were placed in the cage with the snake it made no effort to molest them. A crowd gathered to witness the snake and the rats, but it was over an hour before the rattler moved to attack.

The rats showed flight from the start. While the snake was after one the other would be plunging its teeth into the snake's body. After an hour the snake succumbed. One rat was nearly dead, while the other apparently was unharmed.

As a tribute to its valor, the unhurt rat was released. The rattler measured seven feet in length.

Painted Husband's Nose.

Indianapolis, Ind.—In the trial of a divorce suit Mrs. Dora Rost, who was the defendant, testified that for years she had been compelled to paint her husband's nose before he went to work. The presiding judge was greatly surprised, and asked the witness to explain. "Mr. Rost drank so hard that his nose got red, and I was afraid he would lose his position because his employers would know he was drinking," said the woman.

"Occultos" Is a Mystery.

London.—Something really mysterious, something to arouse the curiosity and the interest of everybody, is being exhibited at the Coliseum. It is a full-sized figure of an old gentleman, and is called "Occultos." You can take his head from his body and remove his legs, and you see nothing beyond a few springs, and yet this model when put together will give long verbal answers to questions, and will move his head and his legs.

FEEDING STUFFS LAW.

A new feeding stuffs law was enacted by the last Legislature to take effect the first day of August next. This new law limits the amount of ground corn cobs and oat hull that can be used in mixed feeds; prohibits the use of rice hulls, peanut hulls and weed seeds as adulterants in concentrated commercial feeding stuffs, and so makes it possible to free the markets of Pennsylvania from undesirable feeds.

The co-operation of all manufacturers of and dealers in feed stuffs, as well as the public press, is solicited in the effort to carry out the provisions of this new law.

Copies of the law will be sent to any person making application to the Department of Agriculture, Harrisburg, Pa., for the same.

Wood-Choppers of Australia.

The Australian choppers are slender men, and might be taken for anything rather than lumbermen. "Oh, we are fairly strong," said Mr. MacLaren; "but, you know, it does not require strength to chop. It is a knack. A ten-year-old boy, if he cuts clean, will outchop a grown man. Much depends, of course, upon the axe used. We use American tools entirely—in fact, nothing but American tools is used in the Australian bush. Axes for use in competitions are kept in prime condition; even the handles are given special treatment of rosin rubbing, or we bone them as baseball players bone the handles of their bats. In London we shaved a man on the stage with one of our axes. Razor steel? Yes; all good tools are of razor steel. Almost anybody can sharpen an axe, but when it comes to a saw, there is as much skill required to do a good job as in drawing a picture. For instance, I have lived in camp all my life, yet I cannot sharpen a saw properly. It takes Jackson to do that, and you should see him every morning bevelling the edges of each tooth of the crosscut we use."—Ledlie's Weekly.

CHARTER NOTICE.

Notice is hereby given that an application will be made to the Governor of the state of Pennsylvania, on Monday, the 26th day of July, A. D., 1909, by Lewis S. Clewell, Adam Hummel, Christian A. Small, A. J. Hummel, and William B. Ferguson, and others, under the Act of Assembly of the State of Pennsylvania, entitled "an act to provide for the incorporation and regulation of certain corporations," approved the 29th of April, 1874, and supplements thereto for the charter of an intended corporation to be called Bloomsburg Brick Manufacturing and Construction Company, the character and object of which is the manufacturing of brick and construction of buildings and for these purposes to have and enjoy all the rights, benefits and privileges of the said Act of Assembly and supplements thereto.

CHRISTIAN A. SMALL,
Solicitor.

7-8-31.

CHARTER APPLICATION

Notice is hereby given that application will be made by E. R. Sponsler, M. I. Low, A. W. Duy, C. M. Creveling, and W. F. Lowry to the Governor of Pennsylvania on the 19th day of July, A. D., 1909, at 10 a. m., under the provisions of an Act of Assembly, entitled "An Act to provide for the incorporation and regulation of certain corporations," approved the 29th day of April, A. D., 1874, and the supplements thereto, for a Charter for an intended corporation to be called "Catawissa Electric Company", the character and object of which is to supply light, heat and power, or any of them, by electricity to the Borough of Catawissa, County of Columbia, and State of Pennsylvania, and to such persons, partnerships and corporations residing therein or adjacent thereto, as may desire the same, and for these purposes to have, possess and enjoy all the rights, benefits and privileges of said Act of Assembly and the supplements thereto, conferred.

A. W. DUY,
W. H. SPONSLER,
Solicitors.

7-1 31

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7-1 31

ADMINISTRATOR'S NOTICE.

Estate of William H. Lord, deceased, late of the Town of Bloomsburg, Pa.

Notice is hereby given that letters of administration on the estate of William H. Lord, late of the Town of Bloomsburg, Pa., deceased have been granted to the undersigned, administrator, to whom all persons indebted to said estate are requested to make payments, and those having claims or demands will make known the same without delay to

FRED E. LORD,
Administrator, Esq., Pa.
J. G. FREEZE, Atty.
6-10-61.

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what your neighbor gets--
No more, no less. We propose
showing all the new
things just as soon as they
are put on the market, and
at prices that will please
every buyer.

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