

THE COLUMBIAN. BLOOMSBURG, PA. THURSDAY, JULY 22, 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.

THE UNDESIRABLE MOSQUITO. "Preparations should be made at once to down the undesirable mosquito," is the suggestion made by the Division of Zoology of the Pennsylvania Department of Agriculture. Mosquitoes carry the germs of disease and there is no more potent disseminator of fevers. The utmost precautions should, therefore, be taken to keep the mosquito out of our homes.

As pools of stagnant water, cisterns and cess-pools are breeding places of mosquitoes, Prof. H. A. Surface, the State Zoologist, recommends that all tanks of water, cisterns, or vessels which hold water, or which might be filled with water after a rain, be covered, or screened with a screen of at least 18 meshes of wire to the inch. Standing water on lots or commons should not be permitted. All shallow lots should be drained and kept dry, and post holes filled, old tin cans and bottles emptied, and all breeding places destroyed. All stables ought to be provided with air-tight receptacles for refuse, and this refuse should be removed every week.

Where there are large natural bodies of water which cannot be drained, the surface should be disinfected and oiled with kerosene at regular intervals. Kerosene is invaluable in this connection, and it is also good as a disinfectant. Chloride of lime, or common copperas (sulphate of iron) can be thrown into cess-pools. Even the water used in sprinkling carts can be charged with disinfectants, and will prove a valuable aid in keeping away the mosquitoes. The proprietors of restaurants, meat market, milk depots and bakeries should be compelled to screen their premises as well as all receptacles in which water stands or food is kept and prepared, in order to guard against mosquitoes and flies.

SETTING AN ASPARAGUS BED. "What is the best method to pursue in starting an asparagus bed?" This question was referred to Prof. H. A. Surface, State Zoologist, Harrisburg, by one of the newspapers of Philadelphia, the information having been asked by a correspondent of the paper. It elicited the following reply:

"In planting an asparagus bed the ground should be spaded or plowed deeply, or to a depth of twelve inches, if possible. In turning the soil, manure should be mixed well with it and, in fact, one of the fertilizers should be turned under completely. The soil cannot be made too fertile. Three or four inches of manure well turned under and stirred into the soil will not be too much. Dig holes to a depth of eight inches with a circumference of two feet, making them five feet apart each way, or at least not less than four feet. Put two inches of well-fertilized good earth in the bottom of each hole and set the asparagus plant or root on this firmly, with the roots spread in every direction. Over his place about two inches of good rich soil that is not so damp as to sack or cake when tramped, and then tramp it with the feet firmly round the heart of the stalk of the plant. The secret of making this kind of plant grow is to pack the earth quite firmly about the roots, but not to have it so wet that it will cake or form a ball. Next, throw two or three inches of loose earth over the packed earth, leaving a depression in the ground for watering and future filling. As the little weeds start, hoe and gradually fill the space around the new plants. Cultivate them deeply, thoroughly and frequently, and use

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considerable salt and commercial fertilizer. In fact, much salt can be used on the surface of asparagus beds to kill the weeds, and at the same time benefit the asparagus plants greatly. I have seen the ground covered with salt to a depth of one inch, killing the grass and weeds and not injuring the asparagus roots.

"The chief pests will be the 'Rust,' for which spraying should be done with Bordeaux mixture, and the Asparagus Beetles, which insects should be dusted with freshly slaked lime (thirty parts) and Paris green (one part); or sprayed with arsenate of lead, one ounce in each gallon of water or Bordeaux mixture."

KILLING POTATO BUGS IN CITY LOTS.

A gardener having a potato patch, 40 by 140 feet, in the city of Reading, close to the built-up-section, wrote to State Zoologist Surface, saying that he is "plagued by potato bugs which have appeared in immense numbers," and he asked for the best remedy for getting rid of the same. The Professor's reply was: "Spray them with arsenical poison, using either six ounces of Paris green in 50 gallons of water, in that proportion in mixing a smaller quantity. Or, use two pounds of arsenate of lead in 50 gallons of water, or in that proportion, which means about one and one-half ounces of arsenate of lead to each two gallons of water."

By means of a spray pump, in applying either of the above solutions, no difficulty whatever will be experienced in controlling these pests. Prof. Surface, however, had reason to believe that his correspondent was cultivating one of those "town lots" in the northwestern section of Reading, the use of which is granted free of charge, and may not have a spraying equipment. Therefore he gave the following additional information:

"If you do not have a spray pump, I would advise you to make up a solution and dip an old broom or brush into the liquid, and then by swinging it down and up quickly, or with a jerk, over the potatoes, throw the liquid over the leaves in fine drops. Do this in such a manner as to have the liquid as finely divided as possible, making a kind of spray by so doing."

"Also, you can mix dry Paris green with flour, or with fine ashes or dust, or with any other carrying agent, and dust it over the infested plants. Use one part, or measure, of Paris green to about 40 parts, or measures, of the dust or flour; mix thoroughly, and then dust it over the plants. A good plan is to put the dusting mixture into an empty tomato can, into the bottom of which holes have been punched with a small, sharp nail; then operate the can as you would a pepper box, and sift the powder over the leaves of the potato plants. It is best to do this while the leaves are wet with dew; but if the dust is thrown where the beetles, or their larvae, are feeding, these will be destroyed at any time of the day."

"It would be well, while applying the arsenical poison for destroying the bugs, to add some Bordeaux mixture for the prevention of blight. In making the Bordeaux, use 3 pounds of bluestone, 4 of lime and 40 gals. of water then to this add either one-third of a pound of Paris green, or two pounds of arsenate of lead. Blight does not occur every year, but when it is liable to come it is best to take measures for preventing it by spraying from time to time with Bordeaux mixture."

The Democrats in the house of representatives made an unsuccessful effort last Thursday to defeat an "urgent deficiency" proposition to appropriate \$25,000 for traveling expenses to swing around the circle. The bill was passed by a strictly party vote. It was pointed out by Democratic members that when the president's salary was increased at the last session it was agreed that there should be no additional allowances for traveling expenses, and that to now propose this appropriation was an act of bad faith on the part of the Republicans. The majority party were also reminded that Mr. Taft had himself counseled the congress to keep down expenditures. But all protests were unavailing and the appropriation went through by an almost unanimous party vote. The Republican members of congress consider the "swing around the circle" is an absolute necessity to avert the pending disruption of the Republican party as a result of the betrayal of the people in the Aldrich tariff bill, and they are entirely willing that this piece of political wire pulling shall be performed at public expense.

Children Cry FOR FLETCHER'S CASTORIA

MODERN UNDERTAKINGS

Sensible Methods That Have Simplified the Caring for the Dead in the Big Cities.

Modern methods of undertaking now call for the highest possible skill in embalming and arranging every detail of burial. From the old methods of placing a body on ice, with its attendant unsanitary conditions, the undertaker has reached a high point of perfection in embalming, but not content with the advanced methods experiments are now under way which will, it is contended, make it unnecessary even to make any incision in a body when the embalming process is being performed.

One of the most advanced undertakers in this country says that within the next five years it will be possible to embalm by placing the body in an air tight chamber and by subjecting it to a pressure of the gases of certain embalming materials to perform the work which now is done by injecting fluids into the veins.

Several firms in New York and other large cities have done much to relieve families of the very troublesome work which follows death in small houses, boarding houses or hotels by fitting up chapels where bodies are taken until ready for burial. Embalming is done in the establishment, burial clothes are furnished and watchers if required.

These firms also have clergymen to perform services, lawyers to attend to will or insurance papers.

Map of 50,000,000 Stars. Astronomers from all parts of the world will meet in Paris for the "International Congress of the Map of the Sky," under the presidency of M. Baily, director of the Paris Observatory.

This map of the heavens will be the most colossal and also the most delicate and difficult task ever attempted by human genius in the realm of astronomy.

Seventeen important observatories besides the Paris one have for the past twenty-two years been at work in their respective spheres on this stupendous task—those of Greenwich, Rome, Catania, Heisingfors, Potsdam, Oxford, Bordeaux, Toulouse, Algiers, San Fernando (Spain), Tacubaya (Mexico, Santiago (Chili), Cordoba (Argentina, Perth (Australia), Cape Town, Sydney and Melbourne.

Twenty-two thousand and fifty-four negatives are necessary. So far 2,200 of them have been engraved on copper. The map, when completed, and the catalogue will give the exact position, measurements and size of 5,000,000 stars down to the eleventh magnitude and of 50,000,000 stars down to the fourteenth magnitude.

An Aged Cookbook.

Amid the horrors of the siege of Paris in the year 1871 one Cadol found time to issue a book of recipes for preparation of the strange fare to which the city was reduced. "Our stomachs are turned into natural history museums," he wrote, "but we must make the best of the circumstances and render our food as palatable as we can." So housekeepers were instructed how to disguise the flesh of dogs, horses, rats and mice, and were shown one could make an omelet without breaking eggs. The recipe for an eggless omelet was as follows: "Soak an army biscuit in sugared water flavored with orange flower, chop finely and spread on a hot dish, powder well with sugar, then pour over and set light to a liberal helping of rum." With eggs at 6¢ a dozen and with rum at a little more than its usual price, this imitation of an "omelette au rhum" became popular.

How Old-Age Pensions Work.

Many pensions were granted where there were considerable sums invested in securities and where there was comparative comfort, while men over seventy who had during the past year earned over seventeen shillings a week were disqualified, although their prospect of future work was remote. The marriage of an Englishwoman to an alien now dead was a hard instance of disqualification.

The case is cited of a man born in Hanover and not naturalized; on investigation it appeared he was born before the accession of Queen Victoria, when Hanover was a possession of the British Crown, and therefore at the time of his birth he was a British subject. The question arose. Did the death of William IV. cause a British subject to lose his rights?—London Outlook.

Crow and Winkles.

Lack flocks of crows are in the fields and on the shores. Clams and mussels are about all the food they can get, except perhaps a few winkles now and then. As these winkles have a tough shell the crow, when he finds one, will fly for the shore and over a flat ledge when at a height of thirty or forty feet the crow will stop his flight and drop the winkle on the rocks, thus breaking the shell. Then perhaps a dozen will gather around and ravenously eat the sweet morsel. It is doubtful if the crow destroys as much as he is accused of doing.—Lewiston Journal.

Oldest N. T. Manuscript.

The most ancient of the New Testament manuscripts is the one known as the "Codex Sinaiticus," published at the expense of Alexander II. of Russia since the Crimean War. This Codex covers nearly the whole of the Old and New Testaments, and was discovered in the Convent of St. Catherine on Mount Sinai by the celebrated Tischendorf. It is generally ascribed to the fourth century.

In Extreme Hot Weather.

Fish, Birds and Animals All Suffer by the Heat Just as Men Do.

"Humans, said a nature lover, 'are by no means the only sufferers from intense summer heat; there are plenty of lower creatures that suffer.

"Fish, for instance, are oppressed by the heat just as men are, and if they can't find shelter from it they may be killed by it. In shallow fresh water ponds fish sometimes die by the hundred, killed by the excessive heat of the water, warmed beyond their endurance by the heating sun.

"In streams fish seek the shady stretches and the deep places and the spring holes where they can keep cool, and in salt water fish go away from the shallow overheated water close to shore and seek the cooler depths.

"Birds suffer in the same way, oppressed by extreme heat, and how they do welcome a chance to get cool! Look at the sparrows in the city's streets when the sprinkling cart goes by leaving in the hollows of the pavement little pools of water that will serve them for bathing places. How eagerly the sparrow seeks this bath, and it will bathe, if it gets the chance, a dozen times a day.

"It is just the same with domestic fowls. Extreme hot weather distresses them greatly; at such a time you can see chickens with their beaks open and fairly panting with the heat, and then they want plenty of water.

"Cows? Of course. On the very hot days they seek the trees if there are any in the pasture lot, to stand in the shade of them, and then if they are bothered by flies the cows seek shaded pools or brooks to stand in them in water up to their bellies or deeper to escape the flies and for cooling refreshment. How horses and dogs suffer with intense heat everybody knows."—New York Sun.

CHARTER NOTICE.

In the Court of Common Pleas of Columbia County.

Notice is hereby given that an application will be made to the above named Court on Monday, the 27th day of September, 1909 at 10 a. m., under the Act of Assembly of the Commonwealth of Pennsylvania, entitled "An Act to provide for the Incorporation and Regulation of certain Corporations," approved April 29, 1874, and the supplements thereto, for the Charter of an intended Corporation to be called "Orthodox Catholic Brotherhood of Saint Nicholas of Centralia, Pa.," the character and object of which is to provide funds to assist the members in case of sickness, accidents, or death, and for these purposes to have, possess and enjoy all the rights, benefits and privileges of the said Act of Assembly and its supplements.

The names of the subscribers are Jacob Broda, Andrew Hudick, Michael Onushkovich, Wasyl Oryniak and Demitry Kosack, and others.

The proposed Charter is now on file in the Prothonotary's office.

EDWARD J. FLYNN, Solicitor, Centralia, Pa.

7-22-31.

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.

DIVORCE NOTICE.

Freda Rabb Hall vs. Walter Townsend Hall. In the Court of Common Pleas of Columbia County, Pa. Subpaena in divorce. No: 161 May Term, 1909.

To Walter Townsend Hall, Respondent in the above cited case. You are hereby notified, in pursuance of the order of the Court of Common Pleas of the said county of Columbia and State of Pennsylvania, to be and appear in said Court on or before the Fourth Monday of August, 1909, being the 23rd day of said month, to answer petition heretofore preferred by the libellant, Freda Rabb Hall, your wife, and show cause, if any you have, why the said Freda Rabb Hall should not be divorced from the bonds of matrimony entered into with you, agreeably to the Act of Assembly in such case made and provided. Hereof fail not, under the penalty of having the said petition heard and a decree of divorce granted against you in your absence. CHARLES B. ENT, Sheriff. Clinton Herring, Attorney, 7-22-41.

The R. E. Hartman Store Bloomsburg, Pa. HAS JUST BEEN OPENED with an entirely new stock, no old goods of any kind. We are starting on new plans. Every person's dollar has the same value here. No Favoritisms, No Credits. Your money will buy just 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. Come and See Our New Store. The R. E. Hartman Store Bloomsburg, Pa.

Alexander Brothers & Co. DEALERS IN Cigars, Tobacco, Pipes, and Confectionery. Fine Candies, Fresh Every Week. PENNY GOODS A SPECIALTY. HAVE YOU SMOKED A ROYAL BUCK or JEWEL CIGAR? ASK YOUR DEALER FOR THEM. ALEXANDER BROS. & CO., Bloomsburg, Pa.

IF YOU ARE IN NEED OF Carpets, Rugs, Matting and Draperies, Oil Cloth and Window Curtains You Will Find a Nice Line at W. H. BROWER'S BLOOMSBURG, PENN'A.

Pennsylvania Railroad PERSONALLY-CONDUCTED EXCURSIONS TO NIAGARA FALLS July 28, August 11, 25, Sept. 8, 22, and Oct. 6, 1909 Round-Trip Rate \$7.30 From EAST BLOOMSBURG. Tickets good going on train leaving 11:45 A. M., connecting with SPECIAL TRAIN of Pullman Parlor Cars, Dining Car, and Day Coaches running via the PICTURESQUE SUSQUEHANNA VALLEY ROUTE. Tickets good returning on regular trains within FIFTEEN DAYS, including date of excursion. Stop-off within limit allowed at Buffalo returning. Illustrated Booklet and full information may be obtained from Ticket Agents J. R. WOOD, Passenger Traffic Manager, 6-24-15t GEO. W. BOYD, General Passenger Agent.