

ANIMAL PARASITES.

Efforts Being Made by the Government to Destroy Them.

Millions of Dollars Lost Each Year Through the Depredations of Insect Pests—Sources of Destructive Diseases.

A recent discovery to the effect that the trichinae of pork, which caused the American hog to be shut out of Europe so long ago from having given new impetus to the pursuit of a line of investigation which has been claiming the attention of the United States government, says a Washington correspondent of the New York Sun. Dr. Leuckhart, the great Leipzig professor who made the discovery, ascertained by the dissection of rats that forty per cent. of them were infected by trichinae. Rats are cannibals. They eat their own offspring and each other, and spread the infection. Whether the trichinae of trichinosis is not known, although it makes them lame sometimes. Pigs devour them and contract the complaint. In some cases, their young are fighting the parasites and the trichinae develop with fatal results frequently. The disease is recognized the most deadly known, inasmuch as it kills in sixty per cent. of all cases. Among the animals attacked by it are cats, dogs, horses, bears and rabbits, although how they get the parasites is uncertain.

The department of agriculture is at present giving earnest attention to the study of animal parasites, with a view to finding out the means of fighting against some of them which cause a loss of many millions of dollars yearly to farmers. It has made a big discovery recently in relation to the fatal disease of cattle called Texas fever, which is caused by a minute animal called a protozoan, that feeds on the red corpuscles of the blood and destroys them. Recent developments of knowledge reveal the protozoa as producers of malarial complaints. It has been ascertained that the cause of malaria is a protozoan which feeds on the blood corpuscles, and another microscopic form of life description is responsible for certain forms of malaria. Undoubtedly many disorders not yet understood will eventually be referred to a similar origin.

The department is trying to discover means for destroying animal parasites which causes a loss of nearly three million, five hundred thousand dollars a year in cattle slaughtered in this country. It is the headless head fly which lays its eggs on the backs of the animals, the worms hatched from them boring through the skin and remaining heretofore for several months. The worms emerging then fall to the ground and form the embryos, which, when they reach the perfect stage, are ready to be taken up by another animal, that being their only method of reproduction. It is a hideous head fly which lays its eggs on the backs of the animals, the worms hatched from them boring through the skin and remaining heretofore for several months. The worms emerging then fall to the ground and form the embryos, which, when they reach the perfect stage, are ready to be taken up by another animal, that being their only method of reproduction. It is a hideous head fly which lays its eggs on the backs of the animals, the worms hatched from them boring through the skin and remaining heretofore for several months. The worms emerging then fall to the ground and form the embryos, which, when they reach the perfect stage, are ready to be taken up by another animal, that being their only method of reproduction.

Andreas, known in the west as the "hog cholera" disease, has been discovered in the hog raisers of the United States. It is a disease which attacks the stomach, where they are attacked, the worms emerging then fall to the ground and form the embryos, which, when they reach the perfect stage, are ready to be taken up by another animal, that being their only method of reproduction. It is a hideous head fly which lays its eggs on the backs of the animals, the worms hatched from them boring through the skin and remaining heretofore for several months. The worms emerging then fall to the ground and form the embryos, which, when they reach the perfect stage, are ready to be taken up by another animal, that being their only method of reproduction.

Only a beginning has been made by this government in the work of fighting the parasites of animals. By and by, however, the pigs which are infected with trichinae will be rendered less common. Hoellies and grannies are combated successfully and destroyed by spreading fat and salt over the bodies of the hogs at the time of their slaughter. In the laboratory of the department of agriculture, its attention first to studying the life history of the parasite, in order to find out at what stage of its existence the enemy can be attacked to the best advantage. Having procured a full knowledge of the habits and manner of existence of the parasite, it is comparatively easy to interfere with its operations.

WAS HIS MONEY.

The Explanation of the Younger Brother's Life.

The life of a physician is not all tragedy. Talking with a Commercial Advertiser reporter the other day, Dr. T. Hamilton, Jr., of New York, said that recently he received a hurry call to a very small residence on Madison avenue. He found that a small boy had swallowed a penny and that it had lodged in his throat, almost closing the passage and causing his eyes to protrude and his face to turn purple. The doctor at once set about removing the coin, and thus describes the scene: "While every one present exhibited the most intense interest in the operation, the solicitude of the victim's younger brother was affecting to a degree. With an expression of serious apprehension and in a voice trembling with grief he asked me with questions which I could not answer the outcome of the accident. I answered him with words of encouragement, and finally, amid a general sigh of relief, drew forth the obnoxious copper. 'There,' I exclaimed, patting the younger brother on the shoulder, 'we've got it at last.' 'I'm so glad,' he responded, 'with a smile.' 'I was my cent.'"

ANIMALS AND MACHINERY.

In a German engineering journal a writer contrasts the behavior of different animals toward steam machinery thus: The ox, that proverbially stupid animal, stands composedly on the track of a railway without having any idea of the danger that threatens him; dogs run among the wheels of a departing railway train without suffering any injury, and birds seem to take a particular delight in the steam engine. Larks often build their nests and rear their young under the switches of a railway where heavy trains pass over them, rolling, and swallows make their homes in engine houses. A pair of swallows have reared their young for a year in a pair of wheels on a railway. In the United States, a pair of swallows have reared their young for a year in a pair of wheels on a railway. In the United States, a pair of swallows have reared their young for a year in a pair of wheels on a railway.

WOOD MOSAICS.

The wood mosaic industry is carried to great perfection in France. The scale of colors is extremely rich, as no less than twelve thousand six hundred different shades can be used, so that all descriptions of paintings can be faithfully reproduced in this way. The great advantage of this mosaic is that in case the colors should fade they can be replaced by their original freshness by planing, because the fibers of the wood are entirely permeated with the paint. The mosaic is durably affixed to boards with the grain at right angles, so that no atmospheric change can affect it.

MADE HIS OWN STORY.

A Journalist Invented a Man, Killed Him and Wrote His Obituary.

A doctored diet was caught one day in August, 1886, by two girls about eighteen years of age—Senoritas Espinoza and Morena—employed at the tobacco factory in Seville, that would be the first of a series of "armies" which was supposed to be sent to the city.

Their second were men, who furnished each girl with a pair of spectacles, which they were blindfolded and placed in an unlighted room for half an hour and commanded to "fight." Then the room was locked and the girls were left to their own devices. At dinner, after they opened the door and found both girls alive, but mortally wounded. One of the combatants was cut in two or three different places, and was bleeding to death, while the other received severe wounds in ten or fifteen places in two places. The second was sent to prison for six months. The girls never spoke after the door was opened, but one of them first in great agony for several hours, says the Chicago Herald.

Near Madrid, December 10, 1896, Capt. Don Juan and Capt. Don Juan with sabers, and both were frightfully injured and named for life. Subsequently the principals and their seconds (all officers) were arrested and the former were dismissed from the army and the latter fined. One of the latter, after paying his fine, challenged the magistrate who fined him, and accepted and received three wounds. He again fined the officer and was again challenged, and fought with pistols, killing the officer at the first shot. It is a fact, although I cannot present names or dates, that a Parisian scribe grossly insulted an army officer in the morning edition of his paper, fought and killed him at noon, and published a graphic description of the whole affair in his evening issue.

Quite as good a little story is that in which a girl and her lover were in Vienna, a lady dropped a bouquet and a gentleman following in a walk kicked it to one side so that it would not be stepped upon, and was challenged and wounded by the escort of the lady who dropped the flowers, and was afterward married by and married to the lady herself.

OPTICAL ILLUSIONS.

You May Have Plenty of Fun on the Boulevard.

As the train proceeds rapidly over the level desert my eyes "fix"—I gaze steadily at a clump of sand in the distance, which is probably two miles distant. The bushes seem to move slowly with the train, while objects between it and my eyes have an apparent motion, while the objects behind it, in the distance, seem to move slowly with the train, while objects between it and my eyes have an apparent motion, while the objects behind it, in the distance, seem to move slowly with the train.

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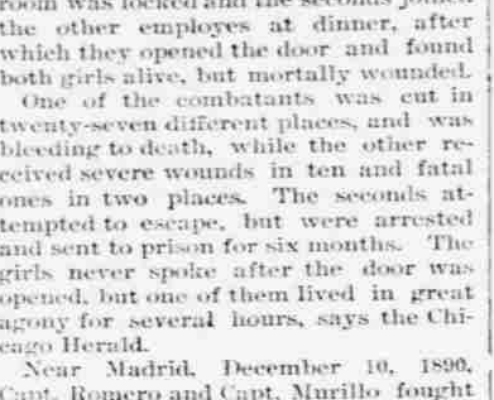
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STATE MOURNING.

An Idea of What This Mourning Involves.

Few people in the United States have an idea of what a "state" or uniform mourning means beyond the fact that the second or third mourning dress will be worn to every portion of adjustment.

So it happened the other day, while proper mourning was given right and left for the proper mourning of the occasion of the late prince, that the two principal branches of the public service had been properly notified of their duties. It is not to be expected that all persons who put on mourning for the prince of these weeks. It is to be expected that the following day the only mourning dress to be seen in London appeared to be in the few theater posters remaining about town. Two million had been worn and had been sold within forty-eight hours of the prince's death. I afterwards learned, London had been very stripped absolutely bare of mourning, and extra forty of hands were called out to work outside and inside black cloth to meet the emergency. Every bodice's window in London was decorated for the moment, and the color of the mourning was black and white, the only relieving color permitted below black, which, when in connection with the black of the mourning, made a component of fashionable mourning and will probably hold its own for many a year, though as it is only a temporary expedient, necessarily some trappings of war.

The fact has, therefore, been established that mourning is made of black and white, and that the only color to be seen in the mourning of the prince of these weeks. It is to be expected that the following day the only mourning dress to be seen in London appeared to be in the few theater posters remaining about town. Two million had been worn and had been sold within forty-eight hours of the prince's death. I afterwards learned, London had been very stripped absolutely bare of mourning, and extra forty of hands were called out to work outside and inside black cloth to meet the emergency. Every bodice's window in London was decorated for the moment, and the color of the mourning was black and white, the only relieving color permitted below black, which, when in connection with the black of the mourning, made a component of fashionable mourning and will probably hold its own for many a year, though as it is only a temporary expedient, necessarily some trappings of war.

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Vinegar Bitters FOWLER'S, 50¢
Vinegar Bitters, new style, 50¢
Vinegar Bitters, old style, 50¢

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FISH THAT CAN FIGHT.

How the Swimming Fish, with its long, slender body, can fight.

In point of size the world's largest fish, the whale, is not the largest of the world's fish. The whale is not the largest of the world's fish. The whale is not the largest of the world's fish. The whale is not the largest of the world's fish.

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