

Farmers' Department.

Contagious Diseases of Cattle.

Professional men quite often evince a narrowness of view, and a prejudice even at times, which prevent them from discussing in a useful manner, some vexed questions which may be public property as well as professional. The time has long since passed away when professional men had a monopoly of matters pertaining to their profession or could hold themselves above criticism by intelligent persons outside of their class. And this view of the case becomes clear when we read the remarks made in the paper read by a veterinary surgeon at the Chicago convention. We propose to refer to but one of the views of several which we think to be mistaken in that paper. The author of the paper compares the origin of the diseases under consideration to the seeding of a field with corn, without which there could be no possible growth. This is a wholly erroneous view of the case. On the other hand, it would have been much more reasonable and truthful to compare the animal system to a soil apparently free from vegetable growth, but still charged with dormant seeds of weeds which are waiting for some favorable conditions, some warm shower and sunshine, to burst into sudden and vigorous growth.

This is the view taken by physicians and physiologists as regards the nature of many of these so called germ diseases *ab initio*. There are many cases of these diseases, of which no apparent outside origin can be even suspected that has relation to infection or contagion. There are sufficient cases, however, to warrant the belief, or certainly, that the dormant seeds of disease which are always present in the system, waiting for development by favorable conditions, have been quickened into active life by these exciting causes, just as the soil, apparently clear and entirely free from pernicious growth, is quickly covered with an eruption of veruura from the effect of warmth and moisture.

And in a similar manner we have seen an apparently healthy and vigorous man working in the harvest field, remove his coat, and, when saturated with perspiration, sit in the shade and enjoy the cool breeze, which quickly closed the pores of the skin, turned back the current of evaporation of impure matter from the blood, and struck a chill to the very marrow. Within a few hours the man is stricken with typhoid fever (which is an infectious disease,) and is at the very gates of the grave or within its cold walls. This is a type of perhaps the majority of sporadic cases of such diseases, and is especially true of those "germ" disorders which are popularly termed "malarial," such as "ague," "chills," and into mitent or remittent fevers. Our own experience in regard to animals proves the same thing. Hog cholera is produced *de novo* beyond any doubt. So is splenic fever among cattle, and so is glanders among horses. But no doubt, too, these diseases are spread by contagion as well.

We might argue the question in the direction of the uselessness of precautionary hygiene and sanitary measures as a method of preventing this class of disease, and of the utter helplessness of man to avoid them, if they are always necessarily produced by contagion, because the contagion virus—the germs—are indestructible by any ordinary measures. But this is scarcely necessary. It is not long since, as might be pointed out, the Department of Agriculture reported that swine cholera was utterly exterminated and had disappeared. But yet, as usual, when the feeding season, with all its unwholesome conditions and environments, has begun, cholera appears here and there with the prevailing characteristics and results. No doubt each case is a centre from which the disease spreads, until, like the rings in a pool caused by the dropping of the rain upon it, the whole surface is soon in commotion, the disease sweeps over wide localities and invades every herd.

It is to be regretted that the dangerous and ineffective practice of vaccination is recommended, or rather suggested. It has been very conclusively shown that this merely perpetuates the disease, especially as regards the fatal pleuro-pneumonia, and tends to divert attention from the indispensable sanitary precautions which alone can avoid the exciting causes of the disease.

The usefulness of these precautions is conclusively shown in the present rarity of epi-

demio diseases in the well drained, more clean and wholesome cities, where formerly they ran fearful riot and slew thousands upon thousands of victims, whose lives were sacrificed to the filth and foulness with which large cities then overflowed. Sanitary precautions should be to the veterinary surgeon, as well as to the physician, what hoeing and clean cultivation are to the farmer, to destroy the seed or the germs of the organism—weeds in either case—which lie dormant in the blood in the one and in the soil in another; for it is abundantly clear that the seeds of disease exist in the blood, waiting for favorable chances to germinate, just as those of the weeds exist in the soil, and that the diseases are not always sown after the manner in which we sow corn—*Chicago Times*.

Poultry—Breeds for Laying

The best breeds of fowls for laying, are those that suit the climate in which they are kept. It is an oft-repeated inquiry as to which breeds is most suitable, by those who contemplate poultry keeping. Such inquiry can only be answered by those who have experimented with different varieties in different locations. There is no doubt that the Leghorns are equal to any other breed for egg production, but it does not follow that they are the most profitable fowl under all circumstances. They are divided into two classes—the single, and rose comb—and there is a further subdivision, according to color. The single comb varieties of fowls are subject to frozen combs in very cold weather, but when properly managed they escape harm. The difficulty may be overcome by "dubbing" them, as is done with Games, but as the principal points of the Leghorns are given to the comb, they would thereby be disqualified from competition at the fairs and poultry shows. A frosted comb would not be very objectionable to those who only breed fowls for profit and not for exhibition, but when the comb becomes frosted, the hen ceases to lay until the injured member is completely healed. As the comb may be frozen several times during the cold season, the loss of time from egg production, owing to the effect of the temperature, would be quite an important item. The double comb varieties, though exposing quite a large surface to the action of cold, have their combs closer to the head.

In thus noticing so small a matter as the comb, the object is to present one of the difficulties in the way of keeping a breed that never sits, but lays well. While the breed may not find favor in cold climates, that is no reason why it should not be popular in other sections. As the Leghorns have their virtues and faults, so do the other breeds of fowls. In raising fowls for market, many object to the Brahmas and Cochins on account of their slow growth, and this objection may be a strong one if the fowls are to be sent to market as chicks, as they do not feather until well advanced. If matured fowls are intended for shipment; the largest carcasses, with fine appearance, may be obtained from such breeds. The Plymouth Rocks, which grow fast, and are uniform in appearance when young, also make good market fowls when grown, but while they are excellent layers, they are liable to become excessively fat when highly fed, especially when they are confined, which is a hindrance to egg-production. This may also be an objection to the Brahmas and Cochins. The best results are derived from Plymouth Rocks when they have free range. All breeds do best with freedom, but the larger ones are more contented under restriction. It is best, therefore, in selecting a breed for laying, to take into consideration its hardiness, fitness for market, time of maturity, adaptability to climate, and disposition. By selecting that breed which possesses qualities adapting them to the conditions of the particular sections of country, the best breed for laying as well as for other purposes will be secured.

"Is it possible, Mrs., that you do not know the name of some of your best friends?" inquired a gentleman of a lady. "Certainly," she replied. "I don't even know what my own will be a year hence."

THE SIMPLE AND PERFECT DYE.—Nothing so simple and perfect for coloring as Diamond Dye. Far better and cheaper than any other dye. 10c. Druggists sell them. Sample Card for 2c. stamp. Wells, Richardson & Co., Burlington, Vt.

From Death's Door.

M. M. Devereaux of Iowa, Mich., was a sight to behold. He says: "I had no notion of the Kidneys and suffered terribly. My legs were as big as my body and my body as big as a barrel. The best doctors gave me up. Finally I tried Kidney-Wort. In four or five days a change came, in eight or ten days I was on my feet, and now I am completely cured. It was certainly a miracle." All druggists keep Kidney-Wort which is put up both in liquid and dry form.

A model surgical operation—To take the cheek out of a young man, and the jaw out of a young woman.

Those Twin Foes to bodily comfort, Dyspepsia and Bloating, yield when war is waged against them with Northrup & Lyman's Vegetable Discovery and Dyspeptic Cure. Its use also insures the removal of Kidney and Uterine malady, and promotes unobstructed action of the bowels. The purity of its ingredients is another point in its favor. As a blood purifier it has no equal. It is also a great favorite with the ladies.

Egyptian affairs—Pyramids, and sphinxes, and things. Is it the "things" that cause all the trouble?

Baldness may be avoided by the use of Hall's Hair Renewer, which prevents the falling out of the hair, and stimulates it to renewed growth and luxuriance. It also restores faded or gray hair to its original dark color, and radically cures nearly every disease of the scalp.

The greatest common measure—a quarrel.

W. W. McLellan, Lyn, N. S., writes: "I was afflicted with rheumatism, and had given up all hopes of a cure. By chance I saw Dr. Thomas' Electric Oil recommended. I immediately sent (fifty miles) and purchased four bottles, and with only two applications I was able to get around, and although I have not used one bottle, I am nearly well. The other three bottles I gave around to my neighbors, and I have had so many calls for more, that I feel bound to relieve the afflicted by writing to you for a supply."

"Force" meat—Cold mutton and rabbit pie.

A RUN FOR LIFE.—Sixteen miles was covered in two hours and ten minutes by a lad sent for a bottle of Briggs' Electric Oil. Good time, but poor policy to be so far from a drug store without it.

By the way—Milestones.

BRIGGS' GENUINE ELECTRIC OIL.—Electricity feeds the brain and muscles; in a word it is nature's food. The Electric Oil possesses all the qualities that is possible to combine in a medicine, thereby giving it a wide range of application, as an internal and external remedy, for man and beast. The happiest results follow its use, and in nervous diseases, such as rheumatism, neuralgia, and kindred diseases, it has no equal.

A wife's vocation—Industry.

STARCEMENT.—Unites and repairs everything as good as new. Glass, china, stone, earthenware, ivory, wood and leather, pipes, sticks and precious stones, plates, mugs, jars, lamp glasses, chimney ornaments, Picture Frames, Jewellery, trinkets, toys, etc.

Stock-taking—Sheep stealing.

HAVE YOU TRIED IT?—If so, you can testify to its marvellous power of healing, and recommend it to your friends. We refer to Briggs' Magic Balm, the grand specific for all summer complaints, diarrhoea, cholera morbus, dysentery, cramps, colic, sickness of the stomach, and bowel complaint.

Always in use—The letter "a."

What is it makes me hale and stout, And all my friends can't make it out, I really could not live without—Briggs' Life Pills.

High tied—Married in a balloon.

SORE EYES.—The Golden Eye Salve is one of the best articles now in the market for sore or inflamed eyes, weakness of sight, and granulation of the lids.

A crystal ghost—A glass shade.

What makes me laugh when others sigh?

No tears can ever bedew mine eye

It is because I always buy—Briggs' Life Pills.

The Maltese cross—An ill-natured cat.

A FAMILY MEDICINE.—Over ten thousand boxes of Briggs' Life Pills are sold yearly in the Dominion of Canada, which is the best guarantee of their quality and the estimation in which they are held as a family medicine.

Persons who pick up a living—Misers.

So if you're sad, or grieved, or ill,

Pray, do not pay a doctor's bill,

But take a dose of—Briggs' Life Pills.

Strong but tender—An eight-year-old ram.

Many sink into an early grave by not giving immediate attention to a slight cough which could be stopped in time by the use of a twenty-cent bottle of Dr. Wistar's Pulmonic Syrup.

IT LEADS ALL.

No other blood-purifying medicine is made, or has ever been prepared, which so completely meets the wants of physicians and the general public as

Ayer's Sarsaparilla.

It leads the list as a truly scientific preparation for all blood diseases. If there is a lurking taint of Scrofula about you, AYER'S SARSAPARILLA will dislodge it and expel it from your system.

For constitutional or scrofulous Catarrh, AYER'S SARSAPARILLA is the true remedy. It has cured numberless cases. It will stop the nauseous catarrhal discharges, and remove the sickening odor of the breath, which are indications of scrofulous origin.

"Hutto, Tex., Sept. 29, 1882.

ULCEROUS SORES.—"At the age of two years one of my children was terribly afflicted with ulcerous running sores on its face and neck. At the same time its eyes were swollen, much inflamed, and very sore. Physicians told us that a powerful cathartic medicine must be employed. They united in recommending AYER'S SARSAPARILLA. A few doses produced a perceptible improvement, which, by an adherence to your directions, was continued to a complete and permanent cure. No evidence has since appeared of the existence of any scrofulous tendencies; and no treatment of any disorder was ever attended by more prompt or effectual results."

Yours truly, B. F. JOHNSON.

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Dr. J. C. Ayer & Co., Lowell, Mass.

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CAIN Health and Happiness.

How? DO AS OTHERS HAVE DONE.

Are your Kidneys disordered? "Kidney-Wort brought me from my grave, as it were, after I had been given up by three doctors in Detroit." M. W. Dorrance, Mechanic, Jonia, Mich.

Are your nerves weak? "Kidney-Wort cured me from nervous weakness, etc., after I was not expected to live." Mrs. M. M. R. Goodwin, Ed. Christian Monitor, Cleveland, O.

Have you Bright's Disease? "Kidney-Wort cured me when my water was just like chalk and then like blood." Frank Wilson, Peabody, Mass.

Suffering from Diabetes? "Kidney-Wort is the most successful remedy I have ever used. Gives almost immediate relief." Dr. Philip C. Haller, Montreal, Vt.

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Is your Back lame and aching? "Kidney-Wort (4 bottles) cured me when I was so lame I had to roll out of bed." C. M. Mallam, Milwaukee, Wis.

Have you Kidney Disease? "Kidney-Wort made me sound in liver and kidneys after years of unremedied disorder. Its worth \$10 a box." Sam'l McGee, Williamstown, West Va.

Are you Constipated? "Kidney-Wort causes easy evacuations and cured me after 15 years use of other medicines." Nelson Fairchild, St. Albans, Vt.

Have you Malaria? "Kidney-Wort has done better than any other remedy I have ever used in my practice." Dr. H. K. Clark, South Hero, Vt.

Are you Bilious? "Kidney-Wort has done me more good than any other remedy I have ever taken." Mrs. J. T. Galloway, Elk Flat, Oregon.

Are you tormented with Piles? "Kidney-Wort permanently cured me of bleeding piles. Dr. W. C. Kline recommended it to me." Geo. H. Horst, Cashier M. Bank, Myerstown, Pa.

Are you Rheumatism racked? "Kidney-Wort cured me after I was given up to die by physicians and I had suffered thirty years." Elbridge Malcolm, West Beth, Maine.

Ladies, are you suffering? "Kidney-Wort cured me of peculiar troubles of several years standing. Many friends use and praise it." Mrs. H. Lamoreaux, Isle La Motte, Vt.

If you would Banish Disease and gain Health, Take

KIDNEY-WORT THE BLOOD CLEANSER.

For worms in children, do not use any other for Sutter's Vermifuge Candy. The genuine article bears the signature of the proprietor on each box. The public are hereby fully informed that the Vermifuge Candy is the purchased of the principal druggists and is distributed throughout the United States and Canada.