

Foot and Mouth Disease Symptoms Described by Dr. W. H. Lytle


(By H. W. LITTLE, State Veterinarian.)

Foot and mouth disease is an acute, and without any doubt, the most highly infectious disease that attacks either man or beast, found chiefly in cattle and other cloven hoofed animals. It does, however, affect practically all animals and it is doubtful if any warm-blooded animal taken as a species is actually immune.

The majority of losses in an epidemic are confined to cattle because they are perhaps the most susceptible, followed closely by garbage fed hogs which have their resistance reduced because of being fed garbage. Next in order of susceptibility comes sheep and goats. Many of those experienced in foot and mouth disease control report that sheep carry a high percentage of immunity, but in a large band there will be some few animals that will take the disease, hence the entire band must be destroyed. There is some difference of opinion about the susceptibility of deer, antelope and wild cloven hoofed game. The most authoritative source of information classifies these animals at the end of the list for susceptibility; hence there appears to be little grounds for grave concern over the likelihood of these animals becoming a source of great danger even though there was infection in their midst. The part played in the dissemination by water fowl and birds is a somewhat mooted question. There is grounds for thinking that short jumps are attributable in some cases to these agencies, but long jumps of the infection is most likely due to some other carrier. No one should unnecessarily expose their cattle to fields in which wild geese are lighting, but the pastures should be safe after a day's exposure to the sun, as the infection is destroyed by twenty-four hours' exposure to sunlight and dry, desiccating winds perhaps destroy the infection in a few hours.

Just how the disease spreads we do not know. It traveled at least 1000 miles to become implanted in California as no infection was nearer than Asia and the Philippines where it exists continuously as it does in practically all of Europe excepting the British and Channel Isles. It exists in South America and has traveled as far north as Honduras in Central America.

The question is often asked "Why is slaughter control necessary?" The reason for this is, foot and mouth disease is endemic, that is it attacks practically all animals. One attack does not confer immunity. True, the actual mortality or death rate is only about five per cent, but the injury to the animal is permanent and in many cases simply ruinous; they become stunted, abort, lose weight, cease milking, lose their hoofs and lose a considerable proportion of their productive capacity. Hence they are as a class unprofitable animals and it is, when viewed from a strictly economic standpoint, better to kill them off, pay the bill and be rid of the infection for a period that has averaged about eight years, as there has now been seven separate and distinct outbreaks in the United States. The first three were definitely traced to the importation of animals from Europe. We now import no animals without they are kept in quarantine for two months, which gives time for the disease to develop and we do not import animals from any country when foot and mouth disease is known to be present. The fourth and fifth outbreaks were traceable to vaccine virus shipped from Japan for the purpose of making live-



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DUKE OF YORK ADOPTED AS THE SCOTTISH PRINCE

LONDON (AP)—Not to be outdone by Wales, which cut a host of its own royal prince, an influential group of Scotchmen have chosen Albert, Duke of York, to be the unofficial Prince of Scotland.

Since the time when Queen Elizabeth robbed Scotland of its royal line, Scotchmen have had only two or three royal princes allotted to them by the grace of their English sovereign. Now the Scotchmen would like to exercise a certain amount of freedom in selecting a royal prince of their own.

Scotchmen attending the 141st anniversary dinner of the Highland Society, at which the Duke of York was present, took the initiative in adopting him as their favorite son. The Scotchmen pointed out that the Duke of York had held a Scottish title "The Earl of Inverness" and that furthermore he had married a Scottish duchess and he did not neglect to note that he is also Scottish by lineage.

In the course of his speech the Duke of York acknowledged the compliment.

The selection has precedent in the action of George III who accommodated the expressed desire of the Scotch and made one of his sons the Duke of Clarence, Victoria hastened to treat all her subjects equally, making her second son the Duke of Edinburgh, the third son the Duke of Connaught for Ireland, and the fourth son was created Duke of Albany at England's own.

George V is in a position to emulate his grandmother, for he has two sons who are not yet attached to ducal titles.

Just what are the symptoms? In the beginning it is well to remember that blisters or vesicles erupt in the mouth of cattle and also between and around the claws of the hoof of all cloven-hoofed animals; along and probably preceding these blister disturbances there is a relatively high fever. Fever symptoms are largely the same in all diseases, there is loss of appetite, drying up of the milk flow, lamour, because of the blisters on the hooves, the mouth being a drooling or frothing of saliva that is quite noticeable, often appearing as lather for a shave, and accompanying this will occasionally be heard a smacking of the lips (many animals do not do this however). The position of the animal will be humped and frequently one leg will be held up and the animal if moved about will be lame. Hogs do not show mouth lesions to any extent, but become very lame, so much so that they frequently run on their knees, stand under behind, squeal with pain and sit on their haunches. Sheep and goats do not usually become infected and show mild mouth and foot lesions. Cattle, when their mouths are opened show vesicles or blisters filled with a yellowish fluid which are frequently on the surface of the tongue and as large as a hazel nut and when pressed will rupture. Around the gums the blisters are smaller and leave a square ulcer after rupturing. Cattle, when getting over the disease show only mild symptoms and animal inoculation must be resorted to to definitely diagnose the disease. One's suspicion should be aroused

FOREIGN NAMES IN TURKEY ARE NOT TOLERATED

ANGORA, Turkey (AP)—Rabid Turkish nationalists who are anxious to rid Turkey of all foreign names and to eliminate all foreign words from the Turkish language, have struck a snag in the name of the capital itself. Angora is only a slight modification of the old Greek name Ancyra.

As Greek names are the worst sort of red flags to fire-branding Turkish nationalists, many of the younger leaders wanted to change the name of the capital. Tuncali Kilitli Bey, the poet, has been especially active in the campaign for the eradication of Greek names but less immediate and more mature party men apparently have a feeling that there are many really important affairs of state which should be attended to before a wholesale alteration of names is attempted, something which may result in great confusion.

Greek names of unimportant places have been ruthlessly scrapped. The Prince's Islands in the Sea of Marmora, off Constantinople, which bore the Greek names Proti, Halki and Prinkipo are now called Kizil, Burgaz and Beyikley. Street names also have been changed—generally in fit contrast to the old. In Kadikoi, which lies on the opposite side of the Bosphorus from Constantinople, 21 Greek street names were altered to Turkish names.

A congress has been called which will meet in Angora to consider the purification of the Turkish language by the elimination of Arabic and Persian words, with a view to making Turkish the universal means of communication for all Mohammedans.

Stricken Japan Plans to Build Huge Stadium

TOKYO (AP)—The wave of stadium building which has swept university centers of the United States since the war, has engulfed Japan. A stadium with a capacity of 20,000, which can be expanded to 30,000, is to be built this spring and summer about half way between Kobe and Osaka, on the line of the Hanshin Electric Railway, which is constructing the park.

A baseball diamond, in which the latest ideas in use in the top-notch parks in the United States will be introduced, will be ready for use first, but the stadium will have also running track, facilities for field events, and a swimming pavilion. The lot is made possible by the stadium's location on the seacoast.

The stadium will be the largest in the Orient, and one of the largest in the world.

The tremendous popularity of baseball in Japan is considered a guarantee that seating capacity of the park will be fully needed.



Jesse Crum

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CHURCH MEN WILL GATHER

Presbyterians to Discuss Modernism at Next Assembly, Is Report.

GRAND RAPIDS, Mich. (AP)—Fundamentalism, allegations of undue modernism among Presbyterian missionaries, charges of too vigorous pacifism in the Chicago presbytery, and renewal of the controversy that has centered about the Rev. Harry Emerson Fosdick, New York pastor, are expected to take up much of the time of the 118th annual assembly of the Presbyterian church of the United States here May 22-25.

The proposed unification of the Presbyterian and Congregational churches, and selection of a moderator to succeed the Rev. Charles F. Webster, who retired, also are regarded as matters of business certain to create more than casual interest among the 350 commissioners who are to attend.

The New York presbytery, to which the last general assembly referred charges of undue modernism made against Rev. Fosdick, acting pastor of the First Presbyterian church, New York, has reported Dr. Fosdick's religious views as seeming to it not subject to just criticism. A minority report to the assembly here is expected to renew the attack of the fundamentalists.

The charge that the Chicago presbytery has taken too strongly pacifist views in the matter of the individual's lack of right to pledge himself not to serve in warfare, even though his country be at war, is expected to bring spirited debate on the floor.

Several names are being heard in connection with the office of moderator. Most prominently mentioned are the Rev. Clarence K. Moorehead, pastor of the Arch Street Presbyterian church, Philadelphia; the Rev. Robert E. Speer, secretary of the Presbyterian board of foreign missions, and the Rev. Charles E. Erdman, professor of practical theology and the English Bible at Princeton Theological seminary.

Charles Evan Hughes, secretary of state, has accepted an invitation to address the assembly the evening of May 25.

Ford may be out of politics, but it doesn't follow that politics is out of Ford.

DEATH PENALTY NOT FAVORED BY BRITISH WOMEN

LONDON (AP)—For the abolition of capital punishment and to substitute other penalties a private members bill has been framed and is backed by Mrs. Wintringham, Miss Jewson, George Lansbury and other members of the house of commons.

In the case of murder or treason the penalty proposed in the bill will be penal servitude for life, or imprisonment with or without hard labor, for any term not exceeding two years.

The bill does not affect any liability under royal or military law. The liability of persons under 14 remains unaltered.

Correct this sentence: "I'm not scared," said little Willie; "I always get a hundred on 'rithmetic examination."

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