perience prove the fact. tion alone, seems to be the leading cause—nay, the exclusive principle—referred to by Professor into execution." What were the circumstances! Simonds, to the neglect of every other cause, in explaining the origin and propagation of the Almost nothing is said as to the Rinderpest. kind of food on which the cattle he saw were fed, or the kind of exposures to which they had been subjected, or the fatigue they had undergone-in short, nothing like a description of the local circumstances under which the Kinderpest He seems to have relied seemed to originate. too implicitly or the opinions of the people as to its cause. No doubt he admits that the disease is said to be of spontaneous origin in the steppes of Russia, from whence it is spread all over the east of Europe; but in which steppe, or whether in all the steppes, he does not state. In the Encyclopadia Britannica it is stated, that in the steppe called Baraba, or Barbinska, a peculiar disease prevails, called the Siberian In this steppe some lakes are salt, and occasionally the surface of the ground is covered with saline efflorescence. This is a peculiarity which would account for the spontaneous origin of any disease with which the bowels of a herbivorous animal may be affected; the superabundance of saline matter "occurring occasionally" would, as a matter of course, so impregnate the food, or would be taken in such quantities as to cause an epizootic with all the symptoms and effects on the bowels described by Professor Simonds: and hence, not improbably, the spontaneous origin in the steppes-if such a condition exists in the other steppes; but this, it may be said, will not account for its spread over the other countries of Europe. There are, however, evidently many other causes, and among these especially, the kind, quality, and quantity of the food must be considered as exercising an important influence in producing the disease. said to have followed the tracks of armies, and naturally so, not less from the destruction of food than the exhausting marches of a destroying invader. Without adverting to its effects, Professor Simonds gives a fearful account of the destitution in Kamienica. He says: "In consequence of the occurrence of this case, and of No. 1 in the same quarantine station, the commissioners determined to slaughter the rest, consisting of five head of cattle, reserving only the animal in question for our special purposes. This resolve was taken on May Sth, and was somewhat hastened by the circumstance that all the animals were in a very low condition, and of little value." "The greatest difficulty also existed in procuring sufficient food for the ani-mals; and poor women, the wives of the proprietors, could be daily seen standing in the mountain streams for hours together up to their knees in water, with scarcely clothing sufficient to cover their persons, washing couch grass which had been picked from off the land in order eases occur, in which the omasum is four to feed these cattle.

Common sense and every day's ex-1 rendered necessary by the circumstances; it was Infection, and inf :- nevertheless most painful to witness the lames I say the want of proper food! Remove th cause and the effects will cease. Had the auth rities ordered and enforced the importation proper food, and given it to the animals, I have no doubt the disease would have subsided. X attempts, however, are made to effect a curit is considered so highly contagious that it? thought that the only way to prevent the spice of the disease is to kill all the cattle that coa in contact with a diseased one, and hence the number of victims are enormously increased but it is evident that if the disease depends. the food, the destructive remedy, while it may prevent the spread of the disease by the gre reduction of the number of its victims, is an. surd and erroneous policy; for, if the view have taken of the nature and causes of their ease be correct, it may both be prevented a cured.

> I have already observed that one of the: tures of the disease, as generally understood an impactment of the third stomach, the 'la durre" of the Germans, as described by my respondent at Memel, but of which Profes Simonds seems to have met with no well-defe case, and the causes may be accounted: among the steppe cattle which are broughts Russia. My opinion is, that those cattle wh have been fed upon saline pasturages, brought to other countries, where that kind food does not exist, suffer from the entire v of the condiment that they have been at tomed to, the change causing indigestion deficient secretion in the third stomach, chief feature of the disease. There is sure duced, in consequence, irritation of the w organs of digestion, with the inflammation slight ulceration described. In the same: ner, such indigestible matter as couch gras other over ripe and woody herbage, cannot to act upon the digestive organs of cattle upon them, either by their acrimony, prod diarrhoea and dysentery at once, as appear have been the case with the cattle Pro-Simonds saw; or, if they possess a less at nious property, by simply drying up the tions of the stomach; and this dry condafter a short time, will begin to act as a tant, producing diarrhoa and dysentery ultimate effect being nearly the same. pactment of the third stomach frequently the same course in other diseases, as in red depending upon the particular kind of he and the plants mixed with it destroying their action on the kidneys and digestive ( and in which a diarrhoa almost invariable vails in the early stages of the disease, wh third stomach will be found, on dissect present the true "loser durre." But ou The step was doubtless affected, and where most of the sympton