THE VETERINARIAN.

INTESTINAL DISEASE IN A MARE.

INTESTINAL DISEASE IN A MARE.

MODERN SURGERY has made people familiar with many things which were not dream of half a century ago; and it is no longer a mere joke to suggest that a clever surgeon can take a man to pieces, more or less, and put him together again without inflicting upon him any very serious inconvenience. Readers of the Lancet and pulled at the thought of the terrible derangements to which the animal organism is liable from socident and disease, and overwhelmed with astonishment and admiration at the resources of surgery in rectifying them. Allowing full credit to the surgeon's art, it must, at the same time, be claimed for the are medicatries nature that it can do something in the direction of repairs, in cases which seem at first to be beyond the doctor's power. Everyone who has dipped all remembers of the results of rough-and-ready surgery, in the performance of which important organs and parts were searcificed to exigencies of the moment with a cheerful disregard of the laws of physiology, and with a success which stoned for the utter contompt of consequences exhibited by the operators. For the sake of illustration, it is only necessary to allude to the frequent operation for "gut it, or dispense of the moment which is never heard of now, but in former reasons known only to the persons concerned, said to have "gut tie," A part of the intestines had become tied up by a cord, said to be the remains of the spermatic cord after castration, and death was imminent unless the cord was out. The operator, without hesitation, alt open the faink to the extent necessary to admit his hand, which he introduced into the cavity of the abdomen, and out or broke the strangulating cord, skitched up the wound, and every-thappened from time to time that a few feet of intestine would escape from the wound, and in such circumstances it is recorded over and over again that the operator, faling to return the extraded organ, has cut away the whole mass, and the animal has shown no signs of being any the wores. So mu

rotted off. The expulsion of the portions so separated would follow in the ordinary course. Continuity of the intestinal tube would be secretly be addised to the parts which remained in context, and, if no serious contraction of the pointed tube hould court, not of risk of this result following the slonghing of the dead portion of the off the parts of the parts of the contraction will become enlarged from accommission of food, and at some time or other fatal obstruction may be caused. To avoid this complication, care should be taken to give the animal food which is easily digested; and it is also important to give the rations frequently and in small quantities at each meal. A little bran should be given with every feed, and water should be kept in the animals reach at all times. If by any chance the mare is inclined to eat the litter, the habit must be checked, or, if no other means of prevention can be found, the muzzle. The case is a very interesting illustration of the reparative power of the system, unaided by the surgical art, which is such circumstances is powerless.

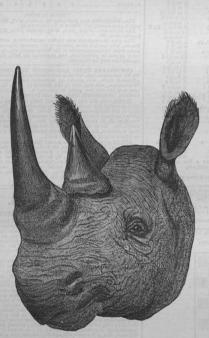
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THE NATURALIST.

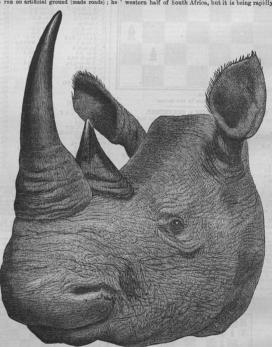
THE AFRICAN RHINOCEROSES.

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SINCE the days of the Roman Empire, when the spoils of the Noworld were exhibited to the populace, no specimen of an African rhinocero was seen alive in Europe until the year 1888, when a young male two-horned African rhinoceros (E. bioornis) was pure-field that the state of the seen and the Beni-Ammer tribe, by whom it had been captured in the yieinity of Casalá, in Upper Nubis. A coloured representation of the animal, as it appeared at the time of its purchase, was published in the Proceedings of the society for 1895, and it was drawn for The Field by the late Mr T. W. Wood, the engraving from his sate of the seen and the seen and



The Prehensile-lipped or "Black" Rhinoceros (R. bicornis)



The Square-lipped or "White" Rhinoceros (R. simus).

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ated to dispel any reasonable doubts which we might entertain as to the truth of the cases to which we have just referred. A short time agree received a specimen from a correspondent, accompanied with a note of oxplanation to the effect that it was a portion of "a shin" which had been expelled by a mare after an attack of colic-shin" which had even expelled by a mare after an attack of colic-which had evidently been macerated until it was half rotten. The mucous membrane peeled off quite easily, and the muscular struc-ture beneath it was remarkably distinct. In response to our re-quest for a further jacount of the case, our correspondent wrote as

During the night she passed the kin sent. Up to this date (March 10) also is going on satisfactorily.

Veterinary surgeons are acquainted with a condition of the intestinal canal which is described as "intressneeption," which means the passing of a portion of the tube inside another portion, just as me half of a stocking, the foot part, is sometimes pushed into the leg part. Only it happens, in the case of the intestines, that several yards of the tube will become inverted in this way during violent yards of the tube will become inverted in this way during violent happens it is quite irremediable. Indeed, it ambent the accident happens it is quite irremediable. Indeed, it ambent the accident happens it is quite irremediable. Indeed, it ambent the properties of the pain, which is not allesovered on post-morters inspection, although it may be suspected on account of the obstinate character of the pain, which is not allesvized by any form of treatment, and by the symptoms of mortification which indicate the impending death of the animal.

Whether it is possible for the inverted intestines to recover their properties our courrence of intestines where he known, because the force of the courrence of intestines to the inverted intestines the more ments of the intestines, nothing would be known of the occurrence of the same possible of the conductable the march cutring an attack of intestinal spasm, or gripes, on Jan. 31, which is described as having been severe, became the angles of inversion of the intestine in the way described. A portion of the tube must have been strangulated, and after a time

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must employ artificial means for this purpose, that is, have the horse's foot strengtheed by means of metal shoes; and here the mischief begins. This horse was running till three years old with its toes turned out, the new the misching. The pressure and wear and tear were on the outside of the hoof (just as a man walking scross a room with his boss state is brought to the village belackmith to be shod. He overlooks and ignores the fact that the horse does not stand evenly, though standing naturally; he cuts the sole and crust quite even and fat, and malis on the shoe, just as he would on a well-formed true foot. Instead of easisting nature he bries to alter nature; this is ever a mistake. He assisting nature he bries to alter nature; this is ever a mistake. He smoothly, they interfere and cut. I am not going to offer Col. H. any advice; a man who is constantly offering advice is a nuisance, more especially if he considers it almost a personal insuli if you don't accept and act up to that advice, but I will tell Col. H. what I would do if I had a horse that breaked. I would begin by taking off the horse's could not stand naturally, from the soles having been cut avey to fit the blackmith's shoe; in this case I would let the horse stand for three weeks or a month till the hoofs had grown to their natural shape and size. I would then call in the blackmith, and say to him, You see how that horse is standing—I want him shod so that he shall stand in the half shoe, what is called a tip, only coming back to half the foot, leaving the heels and frog quite exposed and free to the ground; and this half shoe would be shout jin, thick at the toe, and tapering to the heels, and here it would not be thicker than the blade of a pocket kinfe. The breaking or a three the land that he had a the half and the heels, where it would not be thicker than the blade of a pocket kinfe. The breaking or cutting on a horse's leg is caused by one leg passing leg, it is the feels and frog quite exposed and the blade of

It feeds, he says, exclusively upon grass, and is partial to open countries and broad grassy valleys. It is a huge, ungainly animal, with a disproportionately large head. A full-grown male will stad off: clin at the shoulder. It meat is excellent. The horn vary very consistent of the state of the state

are black and entirely composed or grees; store the characteristic and a filled with chips of wood, which are always absent from the other.

The other, the chiral thincorroses. Those smaller animals, in which the posterior horn has grown so as to nearly or quite equal the anterior, have been described as distinct, under the name of R. keitlos. Mr Selous has distinctly shown that this is a mere individual variation, and does not justify any distinction of species; in which opinion he is the control of the Prof. Flower, who states that on combined the control of the control of the prof. Flower, who states that on combined the control of the prof. Flower, who states that on combined the control of the prof. Flower, who states that on combined the control of the co

* "A Hunter's Wanderings in Africa." London : Bentley and Son