horse made his appearance with him at the shop, ""The horse cama gaing with they shun; they have no hoels on." To tell an Edinburgh calaman, or such a one as our present customer, that his horse can go with-old heels, would only raise contention, which serves no purpose, for he would just as Edon-believe that he would work and grow fat without feed. .The shoes, of course, had to be taken off, and thus the matter ended. It is strange how inconsistent people are in ragant to this practice of heeling shoes. While, they profess to believe it absolutely necessary, their horses never wear a set of shoes but half the time they are without hells. For instance, the first week the heels and toes are worn off, leaving the shoe half and toes are worn on, leaving the shoe hair an in inch thick all round. This is thought too good a shoe to take off, and the horse goes a week more, but without heels. The driver will say the horse can never go without them, while he actually drives him half the time in that coulding. It would be the time in that condition. It would be much better never to have heels, for it at first holds the horse depending on them, and after being used to go with them, he is compelled to do without them. What is argued as a necessity in the one case, is dispensed with altogether in the other, merely for saving money. It will be much better to adopt something which will give the horse a surer footing, and always the same, than submitting to a continual change.

The man who brought the shoe from Paris could only give a faint idea of the knife used for letting the shoe down in the foot. He had paper patterns, very much resembling the old butteris, with the addition of a guard on the back, and from the way it was required to be held must have been very awkward for cutting round the toe. I afterwards made a knufo which answers the purpose very well. It is forced out of a piece of three-quarter inch steel, and a guard left on the back." The knard is about an eighth of an anch in thickness at the blade, and tapering thumor towards its termination. It is about the size of a min's thumb nail, placed crosswise on the blade, the flat surface running along the outside of the hoof, the taper of the guard being all on the back. It is put in a handle, and used the same as the ordinary draw-knife. The point is turned up three-eighths of an inch from the guard. The turned part is deeper and straighter up than the ordinary draw kinte, so that it may cut its way clear and straight. With such a cut its way clear and straight. With such a knife as this, the foot is easily and quickly prepared for the shoe.

ROBERT SARISTON.

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ngls. In part this may be accounted for by attacks in New York State are even more Oven very rarely show signs of suffering their ways and doings being better under severe than in this country. Of nucleon from intestinal looseness, although the stood, and their presence being more readily calves attacked in Alleghamy country, N.Y., largest species of tapeworm, the Tanja exgeneral health of stock.

threadworms; whilst the abundance of Derangement of the Digestive Organa rough herbage common throughout most of the English grass counties affords convenient shelter for the parasites during their embryonic stages. All of them have wonderful powers of reproduction; their eggs are laid in millions, and he'e hatched even in the decomposing dead body of the female; their lower forms of development are extremely tenacious of life-may be dried for days, and when moistened regain their vigour; in facourable conditions the gooms rapidly grow to maturity, and do not require any alternate generation in food or water or in the body of other animals before re-critering the sheep; thirty days after the eviduet of Strongulus lamb, embryo woring were abundant in its lungs. In small numbers, and amongst strong adult sheep or cattle, these threadworms, whether in the lungs or bowels, appear to do little harm; indeed, in many of the midland counties of England they are noticed in the lungs, especially of sheep, which have never shown any untoward symptoms, which have become fat, and of which the mutton, on the best authority, is perfeetly wholesome. In young, delicate, or indifferently cared-for sheep or cattle, the threadworms, cause, however, much disturbance of health, induce the symptoms familiar to most stockowners, render the animals liable to attacks of tape and other worms, make sheep particularly obnoxious to maggqts, and further, cause increased susceptibility to various ailments,

On the subject of these threadworms, Mr nicates to the New York State Agricultural vious to 1869; that hitherto American sheep by entozoa is scarcely apparent. seem to be exempted, but that such exemp-Paraettes seem of late years to have be, embryonic forms of the threadworm. Judg-quence of the entrance of the Ascaris mistan comes very common among the domestic and ing from Mr. Law's interesting, report, the into the stomach.

the generation and preservation of these Viterinarian.

for the Ox and Sheep. 19731 >

WORMS IN THE STOMACH AND INFESTINES.

Parasites in the digestive canal do not. necessarily occasion any serious disturbance, although there is a very general prejudice against them, and a disposition to ascribe every co-existent disease to their influence. Loss of condition, diarrhes, chronic cough. irritation of skin, emaciation, and debility, are among the phenomena which are held to be sufficiently accounted for by the presence of worms in the stomach or intestines.

In many instances it can be proved to defilaria, taken from a sheep, was swallowed by a monstration that parasites do cause much derangement of the digestive functions; and there are some worms which are known to cause death, as a consequence of the exhaustion which follows from their ravages; but the instances of animals being infested. with worms without suffering from, or in any way indicating, their presence during life, are far more numerous, , Post mortem examinations of animals which have died from actute disease, or which have been slaughtered for food, constantly disclose the presence of round worms and tape worms in im-. mense numbers; and yet the provious history of the animal does not furnish any evidence of inconvenience having arisen, nor in the course of dissection can any change of structure be detected which can reasonably be referred to the direct action of the parasites upon the tissues or secretion.

Tapeworms are often present in the intes-Jas. Law, M.R.C.V.S., of New York, commu-tines of the sheep to such an extent as to nearly block up the tube, and in such cases Society an admirable paper, which is printed it is not remarkable that the irritation which in the Society's July and August "Transis is caused results in an excess of secretion and actions." Mr. Law states that these thread-diarrhoa; but even then the amount of harm worms appear to be of comparatively recent done is by no means proportioned to the introduction, into America, that they have number of the parasites, and as the animal not been described as affecting calves pre- advances in age the injury which is caused

Dogs frequently give no indication of the tion will probably not be long continued, in presence of tapeworms beyond voiding the asmuch as the Luglish sheep, of which so mature segments. Cats suffer more decidedly many are imported, may unsuspected be the than most other animals from entozoa, and bearers of the undeveloped germs or earlier fatal sickness in kittens is often the conse-

detected. Their development, Longever, has elven had died in from nine to lifteen days; pansa, commonly infests the intestings... In certainly been increased by heavy stocking "while all the cows on the farm coughed the stomachs of this animal parasites are and artificial treatment, which lower the and looked badly." In another outbreak hardly ever found, and in no case have they engral health of stock.

Threadworms infesting the air passages seizure. Chickens, turkeys, and squirels disease. Sheep, of all animals in the farm, and disestive tract are this autumn common are described to have died from gapes in are most susceptible to the influence of amongst young cattle and sheep in many great numbers during the summer.

So clear and sensible is Mr. Law's report excepting tapeworms, which have been presouthern counties of England, and handreds on the development of these threadworms, vicusly referred to as the least injurious of flambs have already sunk under the irritative symptoms they induce, and the best internal worms of the sheep, nearly every engage. ting cough and exhausting diarrhesa. The modes of removing them, that we shall again to zoon which occurs in the organism does, damp, wet summer has doubtless for oured rofer to his account at greater length harm in a different way. Strongyles infest, the bronchial tubes of lambs, and kill them,