Shoulders short from neck to middling, deep from back down. Back broad and straight, or a very little steled. Ribs—long ribs well sprung, giving retundity of body; short ribs of good length, giving breadth and levelness of loins. Hips, good length from point of hip to rump. Hams thick, round and deep, holding their thickness well back and down to the hocks. Tail, tine and small, set on high up. Legs, short and tine, but straight and very strong, with hoofs erect, legs set wide apart. Size, medium. Length, medium; extremes are to be avoided. Bone, fine and compact. Offal, very light. Hair, fine and soft; no bristles. Skin, phable. The Berkshires are hardy, prolific and excellent nurses; their meat is of a superior quality, with fat and lean well mixed.



Fig. 1 .- Full-Greich Flokes.

structive parasite that infests the sheep, causing a disord er that carries off whole flocks, when the proper remedies are neglected or unknown. The shape of the fluke is tlat, oval, with a thicker conical portion towards the head, and to be on the lookout for its appearance in their flocks. The flattening out like a leaf at the hinder part. In fig. 1 are been a favorable one for its increase in low grounds, and shown some specimens taken from the liver of a shown shown some specimens taken from the liver of a sheep. and in fig. 2, young flukes from the same animal; these are all of the natural size. This creature is highly organized, and is provided with an intricate digestive and circulatory apparatus. In figures 3 and 4, is shown the in-



Fig. 2 .- Young Plukes

testinal canal with the digestive organs. The mouth is situated in the conical head, and there is a second sucker below the first on the under side of the animal. Its nutriment is derived from the bile of its host. Fig. 5 represents

Borkshire and Essex Swine.

The following is the description of the Berkshire and Essex breeds as adopted by the Natural Swine Breeders' Association of the United States at their meeting at Indianapolis:

Berkshires.

Color black with white on feet, face, tip of tail, and an occasional splash of white on the arm; while a small spot of white on some other part of the body does not argue an impurity of blood, yet it is to be discouraged to the end that uniformity of color may be attained by breeders, while upon the ear, or a bronze or copper spot on some part of the body argues no impurity, but rather a reappearance of original colors. Markings of white other than those namedabove are suspectous, and a pig so marled should be rejected.

Face short, fine, and well dished; broad between the eyes, Ears generally almost erect, but sometimes inclining forward with advancing age; small, thus soft, and showing veins. Jow! full. Neek short and thek. Shoulders short from neck to middling, deep from back down. Back broad and straight, or a very little suched. Ribs—long ribs well sprang, giving retundity of body; short ribs of good length, giving breadth and levelness of



Fig. 3.-Fig. 4.-Digestive Organs.

Color, black; face, short and dishing; ears, small, soft, and stand erect while young, but coming down somewhat as they get age, carcass, long, bread, deep and straight; ham, heavy and well let down; b me, fine; carcass, when fat, composed mostly of lard; hair, ordinarily rather thin. The fattening qualities are very superior; as breeders they are very prolific, and are fair nurses.

The Liver Fluke.

The "fluke" is a parasite that inhabits the gail bladders and gall-ducts of a large number of animals. It has been found in the squirrel, the rabbit, hare, dog, sheep, deer, ox, horse, elephant, and also in man. It is the rost is two owness or two table-spoonfuls of the mixture, well shaken, given in the morning before feeding; no food to be given for three hoursafterwards. The dos. is repeated to the country, and on the land, is convenient for giving the medicine. The dules are never found in salt marshes and near the sea coast, and a regular supply of salt is an excellent preventive in those cases where the use of low lands for pasture annot be avoided. The wide distribution of the fluke in the search of the mixture, well ascertained fact. It has been that the search of the search of the morning before feeding; no food to be given for three hoursafterwards. The dos. is repeated to the search of the mixture, well shaken, given in the morning before feeding; no food to be given for three hoursafterwards. The dos. is repeated to the feeding and the arms of the mixture, well shaken, given in the second of the mixture, well ascertained fact. It has been that the sheep has the sheep learn the sea the first stage of its existence in water, the eggs voided in the dung of the infected sheep learn the subscience in the sheep learn the sea take them into their system. Sheep that are pastured to the reflect of the infected sheep learn the sheep learn dukes are never reactive in those cases where the use of low lanus tive in those two on the cows until thirteen weeks on.

The hand fed calves so far outgrew the others, that the hand fed calves so far outgrew the others, there in the cows until thirteen weeks on.

The hand fed calves of a outgrew the others, there in the most want to keep them from the butcher, while the others he did not want. The hand fed ones kept constantly others he did not want. The hand fed ones kept constantly others he did not want. The hand fed ones kept constantly others he did not want. The hand fed ones kept constantly others he did not want. The hand fed ones kept constantly others, that the hand fed calves of a towe others, the most value of other exercises of a course of a case of a

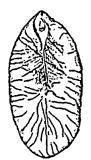




Fig 6.-Fluke from a Deer

Fig. 5-Vein System.

it is probable that during the coming winter we may exthe veins and other circulatory organs.

The sheep is the most seriously infested of any of the domestic animals. The disease caused by the presence of these animals in the liver has carried off millions of sheep in a year. In one year 2,000,000 sheep died in England alone, and many millions have died in a single year in Australia and South America. Many sheep yearly die in this country from this disease, without any suspicion or knowledge of the sheep should have some extra nutritions food, linsced-ake meal being the best.—American Agriculturist.

Rain Water for Drinking Purposes.

Rain water collected from the farm buildings is not unsuitable for either horses or cattle, and with reasonable precautions, is not injurious. The sickly, mawkish taste which distinguis' wit, is soon disregarded by animals in the habit of drinking it. Its brightness and purity are enhanced by keeping the roofs clean, and especially by having the spouts, heads, down pipes, and cisterns cleaned out at intervals of every few weeks. Leaves lodging in the spouts or cisterns often impart a dirty color and disagreeable flavour to rain water. To keep out leaves and other impurities, it is desirable that your cistern, whether

other impurities, it is desirable that your eistern, whether of lead, iron, stone, or brick, be covered either with stout boards or with stone, which should be partially movable to admit of the cleansing just advised. It conduces to the purity of the water, and facilitates cleansing, it the eistern or tank has near the bottom an opening from which the turbid residue can from time to time be withdrawn.

For the conveyance of water over telerably level surfaces, iron gas tubing of 1 or 2 inch bore is often preferred to lead piping; it is less expensive, equally durable, and not hable to give off any poisoning principle to the water. Unless, however, water stands long in leaden pipes or eisterns, unless mortar and other such rubbish which exert a chemical influence on the metal are in contact with the lead, there is no fear of its contaminating the water. lead, there is no fear of its contaminating the water. North British Agriculturist.

The selection of the Bull should be made with special reference to the wants of the owner and the style of improvement which he desires. If he selfs milk, an Ayrshiro or Holstein will probably be the best to cross with his stock; if he selfs butter, the Jerseys; if he wants working oxen, the Devons; while for steers, oxen or cows for beef, or for general purposes, the Short horns will be all that can be desired.

THE BEST CROSS UPON THE BERKSHIRE. - The question having been propounded through one of our cotemporaries, "what is the best cross upon the Berkshire?" the ques-"what is the best cross upon the Berkshire?" the questioner is very properly answered by the Lire Stock Journal thus:—The "best cross" is to let the Berkshire entirely alone as he now is. What is his distinguished merit! Well-marbled, lean, tender meat, more suitable than that of all other breeds for smoaked hams, shoulders and side pieces. Now, if you cross any other breed upon him, and especially the Essex, or Sutholk, or Prince Albert, you spoil the Berkshire for hams and bacon. These small, time, fat breeds are good for salted side pork, but are of little value for smoked meat. Besides, does the writer of this article know how the improved Berkshire and Essex breeds were made? If not, he had best study into this subject before he writes any more nonsense upon it. subject before he writes any more nonsense upon it.

fluids of the body which are concerned in digestion. It furnishes the hydrochloric acid of the gastric juice, and the soda of the bile; it is needed for the conservation of the organic compounds of the blood in their normal condithe organic compounds of the blood in their normal condition, and in this way is most valuable in preventing morbid changes, which give rise to disease; it hardens, and renders the muscular and other tissues teuse, and gives vigorous tone to the health and system. In this way it counteracts any ill effects that may arise from an excess of potash salts in the animal's food. The abundant presence of salt in the intestinal canal is hostile to almost all intestinal parasites; and it is also hostile to parasitic worms which it cannot immediately reach, because it gives a vigor to the health that is unfavorable to their development and existence within the body. If, instead of getting food seasoned with salt, as well as having the salt-cellar at table, to take as many pinche, from as we may wish for, we had seasoned with sait, as well as having the sait-cellar at table, to take as many pinche, from as we may wish for, we had to get all our sait by licking a piece of rock-salt, and if, moreover, there were several others behind us, who were impatiently pushing us out of the way, in order to have their turn at the piece of rock-salt, we think it is very likely that we should not get salt enough for our health, and that many more of us would suffer from worms than do now .-- Prairie Farmer.