many valuable animals have been imported by part of the leaf by the miller moth, in the latter that gentleman direct from Mr. Bates. Mr. Vail part of June: at a quarter of an inch long it comknew Mr. Bates well, and I am confident he will mences its destructive peregrinations, and in the readily confirm my assertion, that it was upon the course of a few days arrives at its full length of Duchess blood Mr. Bates always piqued himself, one inch,—of a pea green colour, with the power and that the introduction of Belvidere (a very common to the tribe, of forming a web. For the noble bull) by Mr. Bates into his herd, was more first year or two it did not affect the crop much, to escape the evils of in and in, too long continued, but their numbers have lately increased to such a than for any new qualities which he expected degree, that a hop grower, with whom I was that bull to impart. Old Ketton, by Favourite speaking on the subject, told me he would not see R. Hord Rook) was the animal which gave have 12 out off five agrees, and I have bear left. (see B. Herd Book), was the animal which gave have 12 cwt. off five acres; and I have heard of value to Mr. Bates's herd, along with the Duchess one grower whose crop is totally destroyed. value to Mr. Bates's herd, along with the Duchess one grower whose crop is totally destroyed. blood; and that same tribe of improved short horns may now be had, in the greatest purity and perfection, from Mr. Vail. I hope, sir, that no ne will misunderstand me, or suppose that I Shaking them off, by jarring the poles, and desire for a moment to depreciate Mr. Sherwood's killing them upon the ground, is the only plan importation. Mr. Sherwood has been long distinguished for his zeal, skill and success as a breeder of short horns, and (I may add) not more so, than for all the qualities which characterize an not attended with success, three generations than or all the qualities which characterize in the suppose of the success, three generations in the suppose of the success, three generations appeared in one season. If means are not he has long been satisfied of the superior qualities discovered of destroying this insect, hop culture of Mr. Bates's blood, and has introduced it into must be given up in this part of the country. Hoping you will excuse the liberty a stranger from him, got by Symmetry, of Mr. Bates's blood, for which I would not accept any ordinary price; and I am well convinced, that the bull which Mr.

Note he were resulted in one season. If means are not have a present in one season. If means are not have a present in one season. If means are not have a present in one season. If means are not have a present in one season. If means are not have appeared in one season. If means are not have a present in one season in the present in one season. If means are not have a present in one season in the present in one season. If means are not have a present in one season in the present in one season in Bates has now sent to him, will prove an animal of the highest value. All this may be quite true, and yet it may be unfair, and may mislead the public to assert, that from Mr. Sherwood, and from him alone, the Duchess blood can be procured.

I am aware that these remarks will, by some candid friends, be ascribed to a source not altogether disinterested, and it will be announced, as a sufficient reason for laying them aside, that the writer is known to have partly derived the blood of his own herd from Mr. Vail. Let this go for what it is worth, and I shall content myself with the bull which we have been so fortunate as to procure from Mr. Vail, got by Meteor out of Lady mind.]

Barrington.

I have the honour to remain, Gentlemen,

Yours very truly, ADAM FERGUSSON.

INSECTS DESTRUCTIVE TO HOPS.

To the Editors of the Agriculturist.

Gentlemen,—The valuable hints I have received from your paper, and the zeal you have evinced in the cause of agriculture, induce me to address you upon a subject of the utmost importance to the "hop growers" of this part of kle and knee. Canada, for I feel assured it will meet at your hands with that attention which the graveness of

A few years since, an animal, called here "the measuring caterpillar" (from its striding mode of progress) made its appearance in the early part of July, upon the hors. By clear characterists. progress) made its appearance in the early part of Breast full; straight on the back; round ribs, pro-July, upon the hops. By close observation, I jecting out as wide as the hip bones. These are indihave been able to trace this destructive little ani- cations of strength and a good constitution.

years in the possession of Mr. Vail of Troy, and mal to the egg, which is deposited upon the under

honourable and an excellent man. I know that having appeared in one season. If means are not

Gentlemen, your obd't servant, WM. MAGRATH. Credit P. O., C. W.

[We shall be obliged if such of our hop growers as have had practical experience in the matter contained in our correspondent's letter, would favour us with the result of their observations,-The caterpillar referred to we have seen on the hop plant in England, but never heard of its doing what it is worth, and I shall content myself with any serious injury—perhaps from the fact of its expressing a hope that every man striving to being unfrequent. The aphis, or "fly," is the improve his stock, may have the like satisfaction, great pest, and it is often destructive to the planas my friend, Mr. Wetenhall, and I both enjoy, in tations in England. We will keep this subject in

> Marks of a good working Ox.—Mr. Asa G. Sheldon, of Wilmington, who has great experience in cattle,

> don, of Wilmington, who has great experience in cattle, particularly in working oxen, and is regarded as the best authority, gives the following:—
>
> Long head, broad and oval between the eyes; the eye full, keen and pleasant. Such marks denote ability to receive instruction and a readiness to obey. The short-faced ox starts quick at the whip, and soon forgets it. The black-eyed ox is inclined to run away. An ox with very large horns near the head is apt to be largy and be capact endure heat well.

lazy, and he cannot endure heat well.

Forward legs straight; toes straight forward; hoof broad, not picked; the distance short between the ankle and knee. These properties enable an ox to travel on pavement and hard ground. If the ox toes out, the strain comes on the inside claw, and when travelling on a hard road, he will be lame at the joint between the hoof and the hair. When the toes turn out the knees