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Further observations on the Distemper now raging among the Cow-kind by the publisher of these Transactions.

(Nov. 21.)

Since my former paper on this subject, I have had opportunities of being present when 3 cows have been fleeced & their lungs in all were inflamed & blister'd & the guts in some places inflamed, in others livid, the Gall bladders exceeding large: a collar-maker's man who has been assisting in fleecing above 100. Dead Cows assures me these are the general appearances in them all; except that in one he met with a large bag full of corruption ~~in~~ <sup>the bag enclosing</sup> between the ~~the~~ <sup>the</sup> heart & the back bone; in another he found the Gall bladder quite contracted & shrivell'd up, having little or no Gall in it; & in several he found scirrhous knobs in the Livers.

Nov. 26. I desired Mr. Hill an ingenious Apothecary in Westminster to accompany me to see a Cow Dissected & to help me examine every thing very carefully, having got her drawn into a shed to defend us from the weather.

When the skin was taken off she appear'd very fat, the muscles lookt of a darker colour than usual: on opening the abdomen the caul appear'd very fat, the paunch was greatly distended, on making a puncture much wind gushing out; it had in it a great deal of food; the inside lookt well & did not peel; the 2<sup>d</sup> & 3<sup>d</sup> Stomach or the omasum, <sup>as also the 4<sup>th</sup> stomach or abomasum</sup> were almost empty, but lookt well the liver was firm, well colour'd, & sound, except a few Scirrhous knobs about the size of Nutmegs: the Gall bladder was exceeding large & full of very fluid Gall: the guts were inflamed in many places, the colon & caecum livid: I had the curiosity to have them measured; from the anus to the infertion of the caecum there were 12 yards (the caecum was an ell long) & from the caecum to the pylorus there were 52 yards. The midriff was much swelled & inflamed. The Lungs were swell'd inflamed, adhered in some places to the pleura, & almost wholly cover'd with bladders of water: there was no appearance of any Inflammation on the pleura, or in either the internal or external intercostal muscles: the Aspera Arteria or Windpipe was inflamed greatly thro' out its whole course especially its inside; but the Gullet, which lay so near it was not in the least inflamed. The heart was of its natural size, the Pericardium full of very fluid blood, probably from the bursting of some branch of the coronary artery ~~from the~~ <sup>caused by the</sup> extraordinary accumulation of blood in the ~~the~~ right ventricle, for the Venia cava, & right ventricle of the heart & the lungs were turge