

but that many, perhaps all of you, within reach of my voice, may have of your abundance to spare, but if you have, let it go to those unfortunate creatures starving in garrets, suffering from cruel disease. The poor everywhere claim our charity. God honours them that give, but this wanton waste helps nobody, but on the other hand is a positive evil, since one man's bad milk injures all the good milk with which it comes in contact.

ELECTRICAL INFLUENCE—CAUSE OF MILK SOURING IN THUNDER STORMS.

The fungi theory serves to explain many things concerning milk heretofore shrouded in mystery. Take for instance the well known fact that milk rapidly turns sour during or after a thunder storm. A good many reasons have been assigned as the cause, but I have seen none giving so satisfactory an explanation as that resulting from the experiments of Andrew Cross. It is now forty-six years since the British Association and the world at large were startled by a statement that a man unknown to public fame had not only succeeded in producing known combinations of existing substances by means of electricity, but some combinations novel even to chemists. Shortly afterwards, it was announced that the same person had produced an unknown species of insect life by electrical experiments, or at all events insect life had been produced in positions that would have been destructive to life or the germs of life if placed there accidentally. This man, then, unknown to fame, was Andrew Cross, a native of Somersetshire, England, whose death occurred in 1855 at the age of seventy-one. He had in the course of his life filled his house with electrical apparatus, and even extended it to the trees of his park. Here he experimented year after year, simulating in his laboratory some of the hitherto most mysterious of the processes of nature. He pursued this line of research for more than thirty years, totally unknown to the world, when in 1837 he was in a manner discovered by the British Association. Being induced to attend the meeting of that body at Bristol, he and his researches became known to Dr. Buckland, who took an opportunity of speaking of them, and introducing Mr.

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