

to calves, has never, in my experience, been known to be so to animals that were a year or more old, though it is quite serious enough. Extremely violent purgation sets in some hours after the fungus has been eaten (the exact length of time has not, unfortunately, been ascertained), and sometimes with very little abatement for two or more days. The animals meanwhile appear to suffer considerable pain, and in the case of milk cows the milk greatly decreases in quantity. This, however, is probably due more to the violent purging than to the direct action of the poison, especially as no ill effects have been noted to human beings from drinking the milk.

With regard to calves, two or three cases of death, probably caused through their eating this fungus, have come to my notice, though unfortunately no thoroughly scientific investigation was made in any case, barring the fact that *A. muscaria* had undoubtedly been eaten some hours previous to one of the animals being taken ill; and, as several other calves were partly affected at the same time, there appears to be no reason to doubt that the Fly Agaric was the cause of death.

The ill effects related above as having taken place through the consumption of *A. muscaria*, have been known to occur, though in a much smaller degree, through eating other fungi, notably a species of *Boletus* which occurs in great abundance in open woods and on Ground Cedar patches where the ground is moist. *Amanita phalloides* is also occasionally eaten, but it is usually rare here and, apart from this, does not seem so attractive to cattle.

No remedies have been found effectual against the deadly effects of *A. muscaria*; but, as cattle generally eat all manner of unusual food when not properly salted, it might be worth while to try whether giving them all the salt they want—which they should of course have at all times—would prevent them, at least to some extent, from searching so eagerly for fungi.

In conclusion I wish to state that, though this note is written from personal experience, it makes no pretence of being more than of a very fragmentary nature, and that it relates only to Manitoba.