FALLEN TREES A CAUSE OF HUMMOCK FORMATION

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The method of formation of hummocks, sometimes called "bogs," in peat, muck, or other poorly drained areas, has long been a matter of academic interest to the writer. In Illinois, hummocks occur to the northward of latitude 41° N. approximately, while very few if any occur further south in that state. These formations occur in poorly drained places in New York outside of Long Island, in Iowa, Indiana and Ohio north of 41° N., and are well developed in Michigan and other northern states. The trampling of livestock in pastures

has been advanced as a contributing cause. Livestock naturally walks in open, unobstructed places. If the stock trampled an area uniformly, their weight would tend to pack the soil material evenly rather than bring about any unevenness of surface. It appears that some obstruction, as a shrub or stump, the presence of a bunch of

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