

buds in spring, forcing the plants to branch profusely, as a hedge does when clipped. This is confirmed by the broken appearance of the tips of the branches. The sheep browse as high as they can reach, but finally the main terminal bud gets beyond them and thenceforth develops



FIG. 3. Browsing effect upon spruces.

normally. Three stages in the development of the upper cone are shown in the three accompanying figures which are traced from photographs, and therefore are accurate. No doubt this effect is common enough, though I have seen it in but two or three other places, and never so perfectly as here.

28.—AN OPTICAL ILLUSION ON THE PEAT BOGS OF CHARLOTTE COUNTY.

(Read June 6, 1899)

In a paper on "Raised Peat-bogs in New Brunswick," published two years ago (Trans. Royal Society Canada, new series, III, sec. iv, 150) I pointed out what seemed to be a rising and sinking of the surface of the Lepreau bog to an extent of several inches, under the influence of weather conditions which I could not determine. The only rule about the movement seemed to be this, that it rose in bright and fell in dark.