back to pasture. These plats are very productive even after 10 or 15 years, but are too small in area to affect total production and the practice is too expensive to apply to large areas for pasture only.

All these data indicate that the practices have little effect after 20 years, or that the herbage by that time has become more or less stable and that fertility is returned about as rapidly as it is used up.

DISCUSSION

Director S. B. Haskell in discussing this paper pointed out the necessity of securing facts, such as presented, to be used later in connection with the reclamation of so-called "marginal" lands.