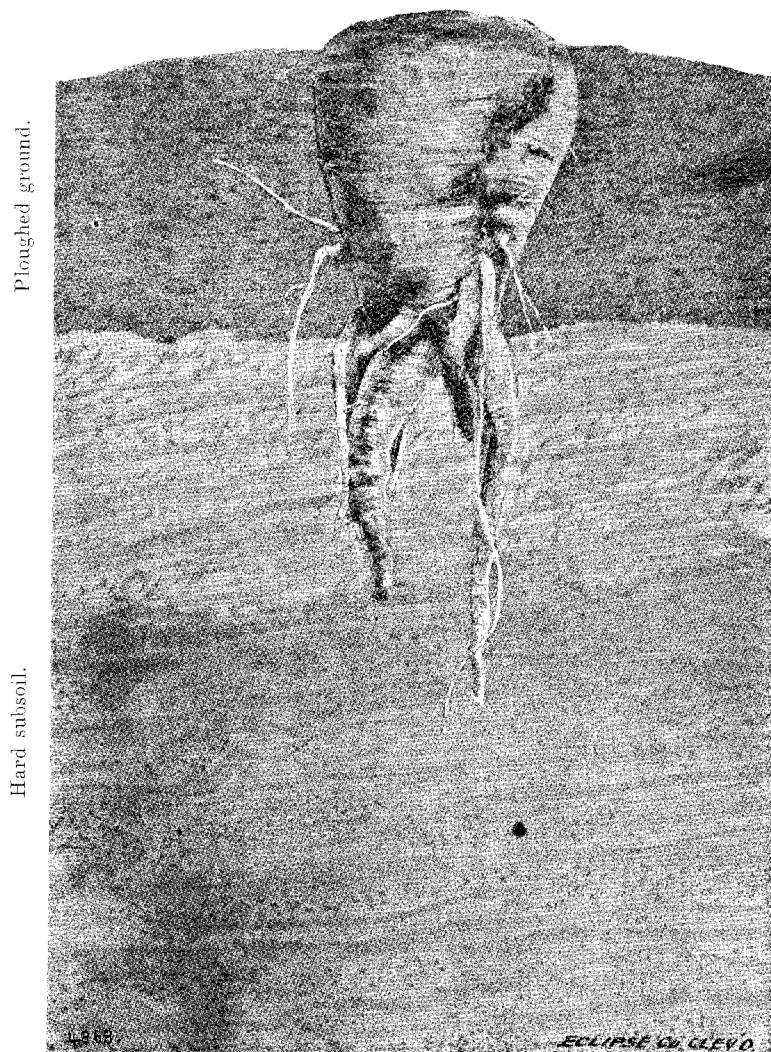


EXHIBIT 14.—TYPICAL BEET-ROOTS GROWN AT THE OHIO (U.S.A.) AGRICULTURAL
EXPERIMENT STATION



IMPERFECT BEET GROWN AT THE OHIO (U S.A. AGRICULTURAL EXPERIMENT STATION
Showing imperfect development of the sugar-beet in ordinary 7 in. ploughing. Here the tap-root has reached the hard-packed, dry soil, which it is unable to penetrate. The root accordingly divides, sends out branches, and in the course of growing the beet is forced out of the ground. The ploughing in this case has left an undercrust, which is found more impervious than the subsoil below it.