



PLATE 53. *PINUS MONTICOLA*. Tangential section showing the structure of the two forms of medullary rays.  $\times 46.8$



PLATE 54. *PINUS GLABRA*. (Type of hard pines, Sec. II.) Transverse section showing the very broad and very dense summer wood, and the structure of a resin canal with very large epithelial cells.  $\times 46.8$