



FIG. 44.—*Lepidophloios Acadianus*, Dawson, a lepidodendroid tree of the coal-formation. A, Restoration. B, Portion of bark (two thirds natural size). c, Ligneous surface of the same. F, Cone (two thirds natural size). G, Leaf (natural size). K, Portion of woody cylinder, showing outer and inner series of vessels magnified. L, Scalariform vessels (highly magnified). M, Various forms of leaf-scars and leaf-bases (natural size).