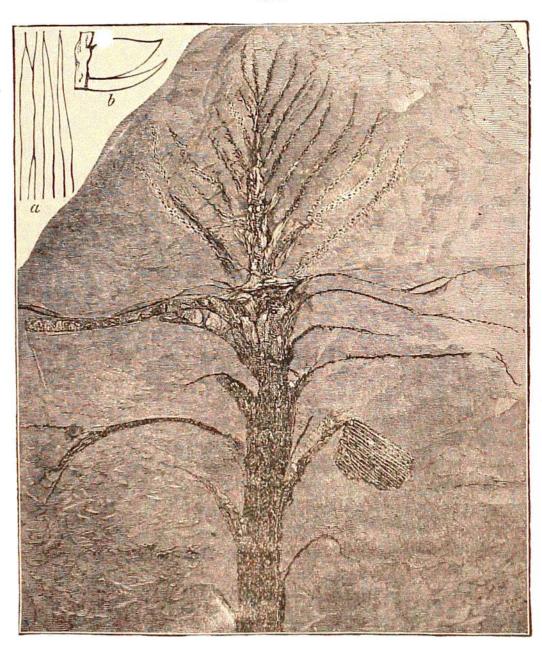
## LIFE.

PLANTS.—In the Portage the remains of land plants are rare. There are stems of species of Lepidodendron—L. Chemungense and L. primævum; of Lycopodites and Knorria; of Cyclostigma—C. affine Dn.; of Calamites—Bornia inornata Dn.; of Tree-ferns, Asterochlæna (Asteropteris) Noveboracensis Dn., from Milo, N.Y.; and woods of Gymnosperms, as Cordaites (formerly Dadoxylon) Clarki Dn. Sporangites (S. Huronensis) occur in the more bituminous portions of the Genesee shale.

931.



Dictyo-cordaites Lacoei, Dawson (1): a, venation of leaf; b, fruit enlarged. Dawson, '89.

The Cheming land plants discovered include those of the Portage and others. Some of them are represented on page 609. Figs. 926, 927, 928 show portions of plants from the Cheming of Gilboa, N.Y.; 928, from the Catskill beds of Montrose, Pa.; 929, from Pottsville, Pa., and Franklin, N.Y. The