

## 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, *Asterochlena* (*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 Lacoel*, Dawson (1): *a*, venation of leaf; *b*, fruit enlarged. Dawson, '89.

The *Chemung* 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 *Chemung* of Gilboa, N.Y.; 928, from the Catskill beds of Montrose, Pa.; 929, from Pottsville, Pa., and Franklin, N.Y. The