

in some forms the leaves were upwards of two feet long.

It is only another instance of family reverses. Another Pharaoh has arisen in Egypt; a new dynasty has succeeded to supremacy. The departed greatness of the mighty race is recorded in the enduring pages of the rocks, but the modern representatives of the ancient autocrats are humble forms, content to earn a modest living under the shadow of their conquerors' vastness. Yet they are too proud to beg. They do not flaunt in gay attire, but deport themselves in an unostentatious manner befitting their reversed circumstances.

They do not bear flowers to produce seed, but, like their neighbours and kinsmen, the Ferns, (these, too, have fallen from a high estate) they produce spores from which the succeeding generation is born. These minute vehicles of generation are produced in flattened, kidney-shaped, leathery sporanges or seed cases (Figure 1) situated in the axils of the simple leaves, and when ripe separating into two valves, thereby liberating the tiny yellow spores. These spores, being rich in oil, are highly inflammable, and are in consequence used in stage effects to produce mimic lightning.

The several species are arranged in three groups according to the shape of the leaves protecting the spore cases, and their position on the plant.

In the first class are those species in which the leaves covering the spore cases are similar to those of the stem. Of those we have two in Prince Edward Island — (1) the Shining Club-moss (*Lycopodium lucidulum*, *Michx*) (Fig. 2) with its dark green, shining leaves, turned down-

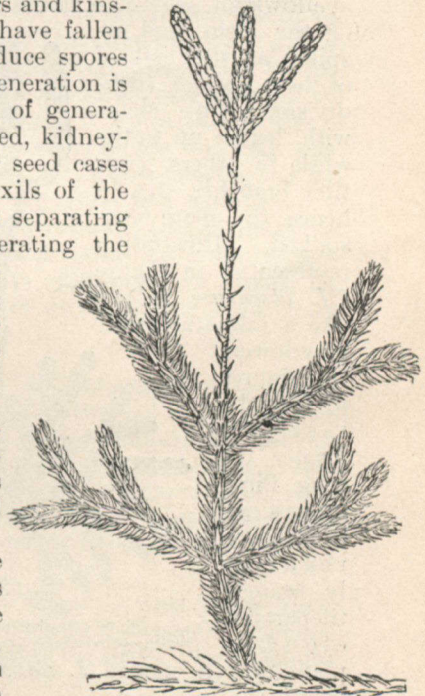


Fig. 4. *Lycopodium claratum* L.
Running Pine.