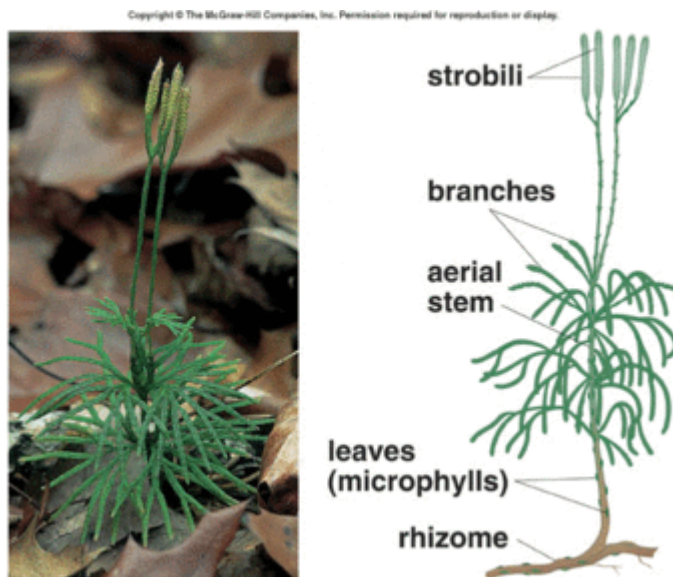


## Lecture:7

### 2-Vascular Plants:

#### a- Seedless vascular plants:

- Have a well developed cuticle
- Stomata present (Tiny pores that regulate gas exchange).  
There are four groups make up the seedless vascular plants:
  - 1- Club mosses (Phylum Lycopodophyta): الحزازيات الهراوية
- Live in various habitats
- Have leaves, stems and roots
- Club-shaped reproductive structures  
EX. Lycopodium



#### 2- Horsetails (Phylum Sphenophyta):

- Have a jointed stems that look somewhat like horse tails
- Grow usually along streams or at the borders of the forests.  
EX. Equisetum



**strobilus**

**branches**

**leaves**

**node**

**rhizome**

