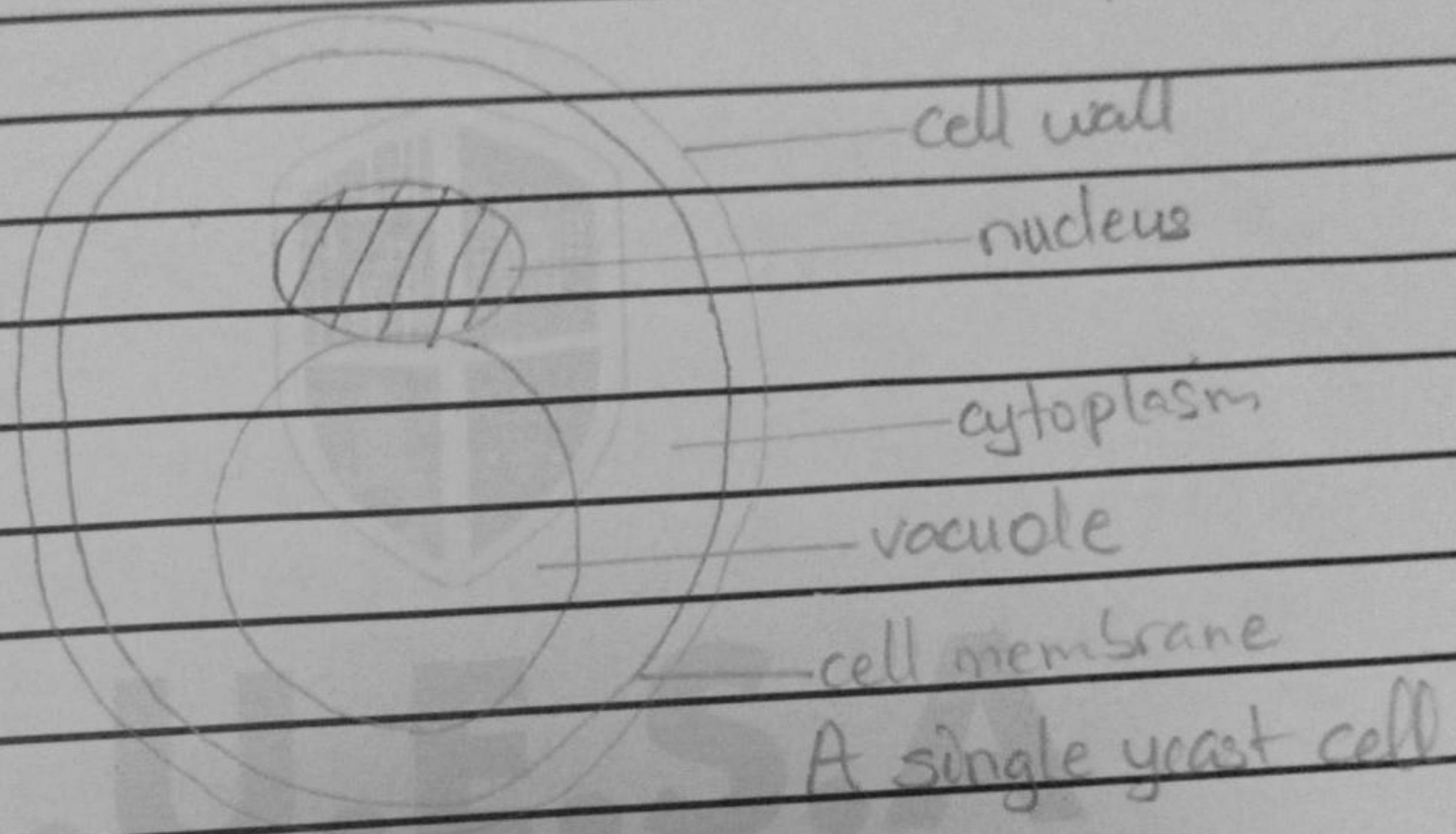


- 1. Fungi such as yeast are used in the food industry
Mushrooms serve as food for man
Some antibiotics are produced by fungi
Fungi are important decomposers in the ecosystem.

2.



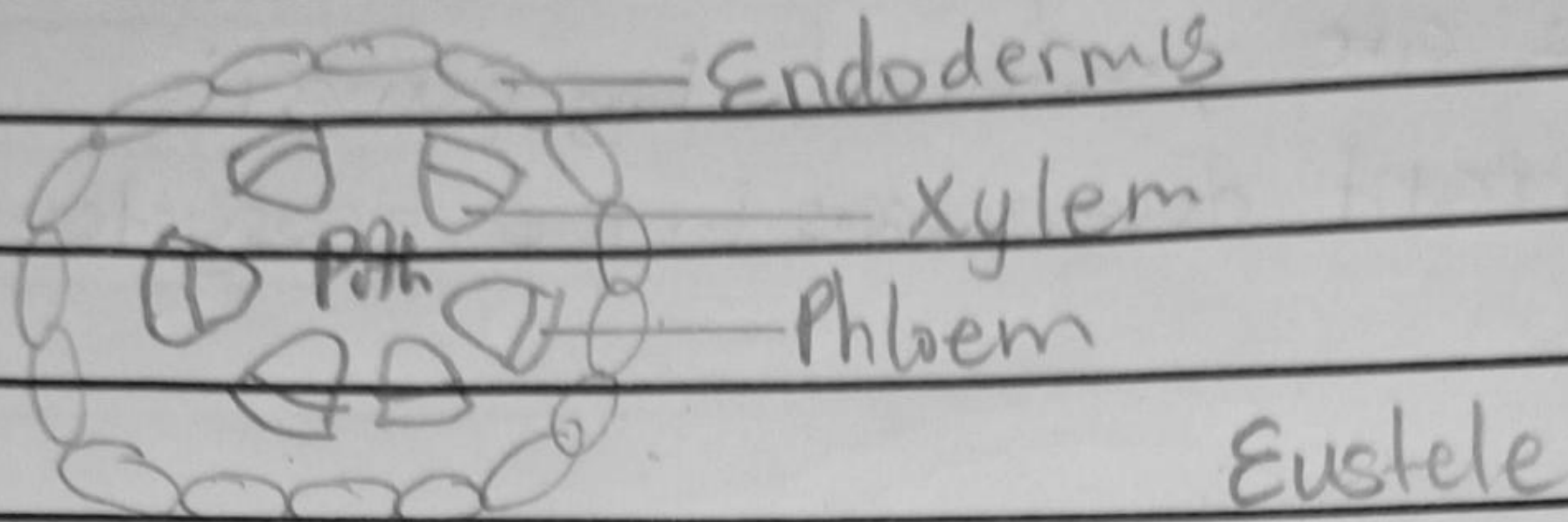
3. Rhizopus stolonifer

Two mating types of hyphae grow in the same medium.
Chemical interaction in the two mating types of hyphae induce growths perpendicular to the hyphae in opposite directions. These growths are delimited by a wall such that many nuclei are isolated in what is called a gametangium.
The two gametangia fuse and a zygote is formed which may undergo prolonged dormancy or resting stage. The nuclei in the zygotes fuse in twos and undergo meiosis independently. The zygote germinates under favorable conditions to produce a fruiting which at maturity produces spores.

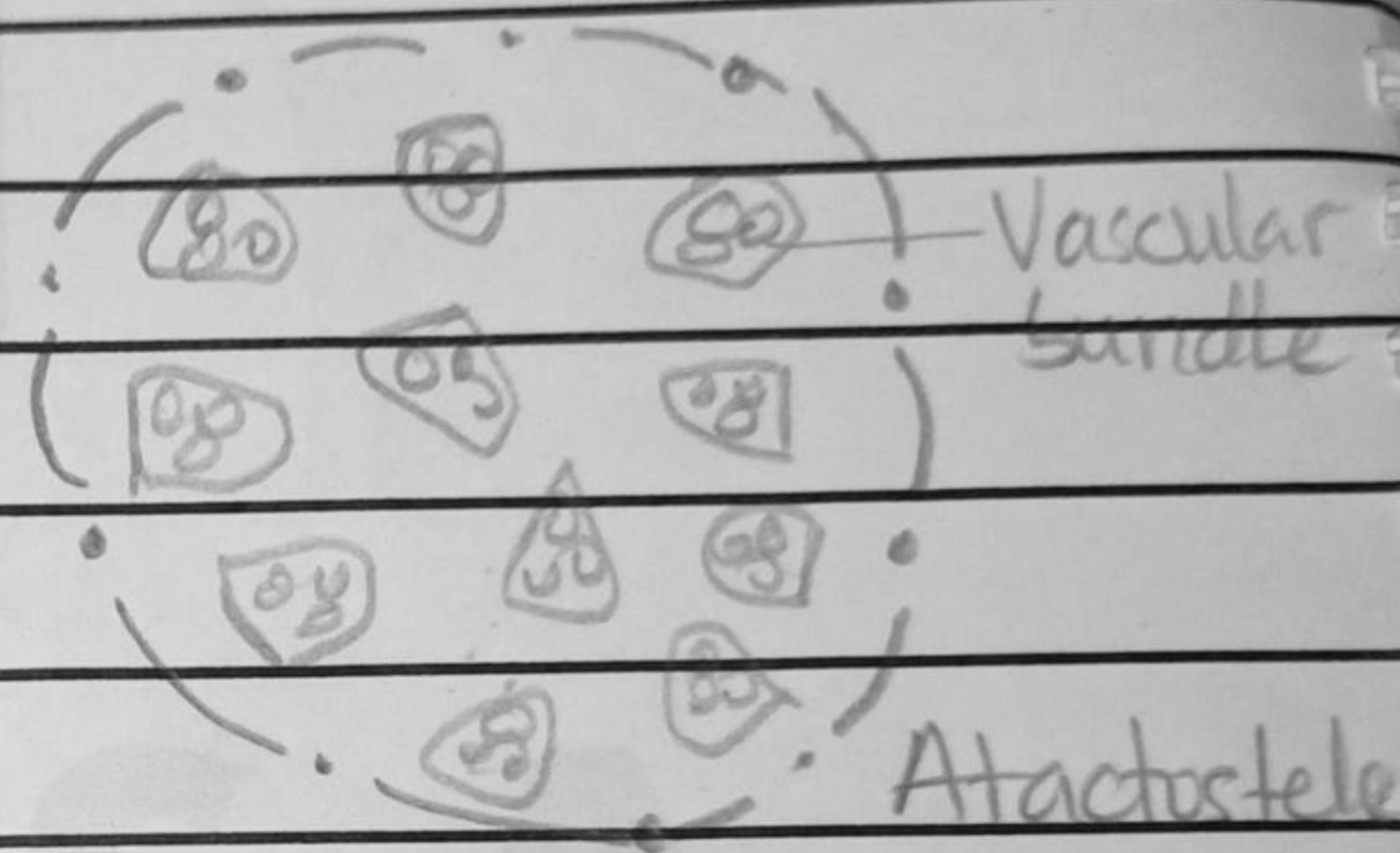
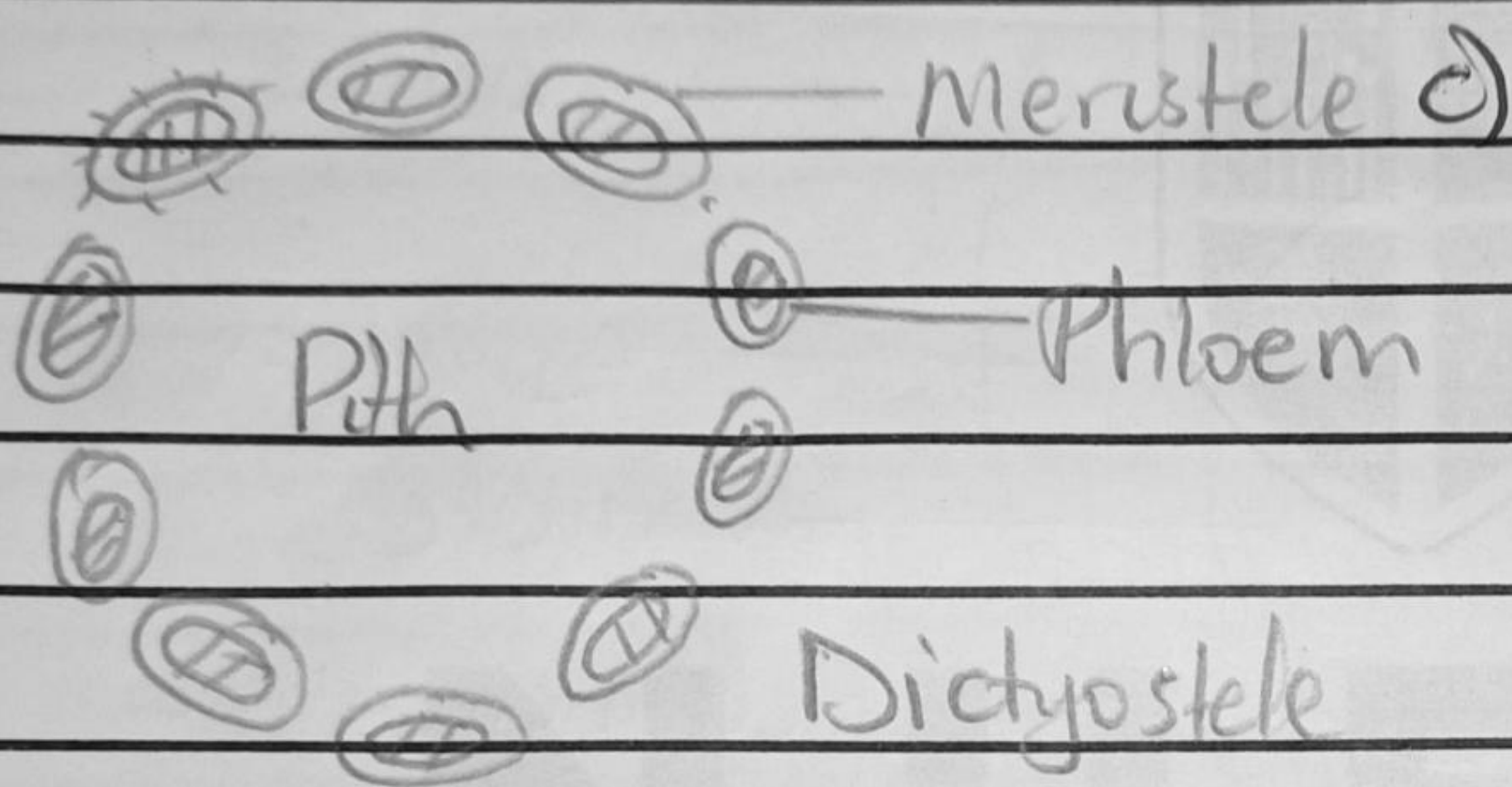
4. They have definite structures for water and nutrient absorption from the soil

The aerial portion being exposed to the atmosphere prevents excessive loss of water through the body

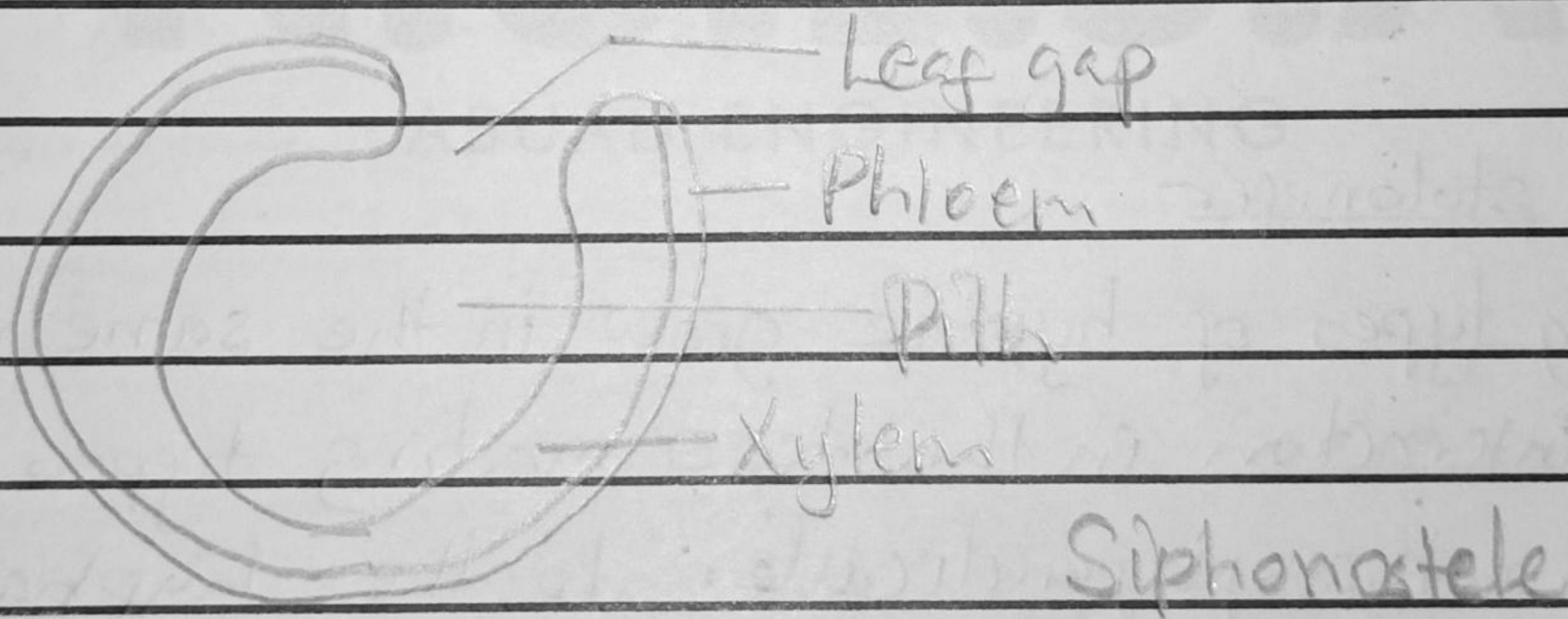
5. (a)



b)



d)



LIFE CYCLE OF PSILOTUM

