

Nonvascular Plants Quiz

1. Which characteristic of bryophytes anchors them to the ground?

- a) Roots
- b) Rhizoids
- c) Leaves
- d) All of the above

2. Which type of bryophyte is most similar to vascular plants?

- a) Liverwort
- b) Hornwort
- c) Moss
- d) None of the above

3. Which type of nonvascular plant has fine rhizoids and lacks stems?

- a) Moss
- b) Liverwort
- c) Hornwort
- d) A and B
- e) B and C
- f) All of the above

4. Bryophytes are efficient at absorbing water. True or False?

- a) True
- b) False

5. Which is a reason bryophytes need regular access to water requiring them to live in moist environments?

- a) Reproductive purposes
- b) Most bryophytes lack vascular transport

- c) Most bryophytes can store water for long periods
- d) A and B
- e) All of the above

6. In which habitat are you most likely to find a bryophyte?

- a) Desert
- b) Swamp
- c) Ocean
- d) All of the above

7. A film of water from dew or rain is enough to allow bryophyte sperm to swim for fertilization. True or False?

- a) True
- b) False

8. Bryophyte leaf-like and root-like structures are homologous to vascular plant leaves and roots. True or False?

- a) True
- b) False

9. The size of a bryophyte is limited because it has no system for transporting water high above the ground. True or False?

- a) True
- b) False

10. Bryophytes cannot carry out photosynthesis. True or False?

- a) True
- b) False