

Botany Quiz: The History of a Science

1. Who is considered the father of botany?

- Carl Linnaeus
- Theophrastus
- Charles Darwin

2. What is the term for the study of plant fossils?

- Paleobotany
- Mycology
- Dendrology

3. What is the term for the symbiotic relationship between a fungus and a plant?

- Mycorrhiza
- Lichen
- Rhizosphere

4. What is the process by which plants convert sunlight into energy?

- Photosynthesis
- Respiration
- Transpiration

5. Who wrote the book "The Botany of Desire," which explores the relationship between plants and humans?

- Michael Pollan
- Stephen Hawking
- Jane Goodall

6. What is the name of the structure in a plant cell that is responsible for photosynthesis?

- Mitochondria
- Golgi apparatus
- Chloroplasts

7. Which famous scientist conducted experiments on pea plants to study inheritance patterns?

- Gregor Mendel
- Charles Darwin
- Francis Crick

8. What is the term for the process of a plant producing fruit without fertilization?

- Apomixis
- Propagation
- Parthenocarpy

9. What is the term for the process by which water moves from a plant's roots to its leaves?

- Transpiration
- Photosynthesis
- Respiration

10. What is the term for the study of how plants respond to light?

- Phototropism
- Gravitropism
- Thigmotropism

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Right answers

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