

Understanding Plant Scientific Names

Biology · Practice Test · 20 Questions

1. What is the primary system used for naming plants scientifically?

- A) Common Names
- B) Local Dialects
- C) Binomial Nomenclature
- D) Descriptive Titles

2. The scientific name of a plant consists of how many parts?

- A) One
- B) Two
- C) Three
- D) Four

3. The first part of a plant's scientific name refers to its:

- A) Species
- B) Genus
- C) Family
- D) Order

4. The second part of a plant's scientific name is the:

- A) Genus
- B) Species epithet
- C) Family name
- D) Order name

5. What is the scientific name for the common apple?

- A) *Prunus domestica*
- B) *Malus domestica*
- C) *Solanum tuberosum*
- D) *Zea mays*

6. Who is credited with establishing the system of binomial nomenclature?

- A) Gregor Mendel
- B) Charles Darwin
- C) Carl Linnaeus
- D) Rosalind Franklin

7. Scientific names are typically written in which language?

- A) English
- B) French
- C) Latin
- D) Greek

8. The genus name is always capitalized.

- A) True
- B) False

9. The species epithet is always capitalized.

- A) True
- B) False

10. When writing a scientific name, the genus and species epithet should be:

- A) Bolded
- B) Underlined
- C) Italicized
- D) In all caps

11. What does 'domestica' in 'Malus domestica' refer to?

- A) Its color
- B) Its origin
- C) Its cultivated nature
- D) Its size

12. Why are scientific names important for plants?

- A) They are easier to remember
- B) They avoid confusion with common names
- C) They indicate the plant's toxicity
- D) They are used only in textbooks

13. A plant with the same genus name but a different species epithet belongs to the same:

- A) Species
- B) Genus
- C) Family
- D) Order

14. What is the scientific name for the potato?

- A) *Malus domestica*
- B) *Solanum tuberosum*
- C) *Zea mays*
- D) *Rosa gallica*

15. What is the scientific name for corn (maize)?

- A) *Solanum tuberosum*
- B) *Malus domestica*
- C) *Zea mays*
- D) *Pisum sativum*

16. Which part of the scientific name is often descriptive of the plant?

- A) Genus
- B) Species epithet
- C) Family
- D) Order

17. The scientific name 'Rosa gallica' indicates a plant in the genus:

- A) Gallica
- B) Rosa
- C) Fragrans
- D) Rubra

18. What does the species epithet 'tuberosum' in 'Solanum tuberosum' likely refer to?

- A) Its flower color
- B) Its leaf shape
- C) Its tuberous nature
- D) Its height

19. Common names can vary greatly by region and language.

- A) True
- B) False

20. A species is a unique, distinct group of organisms that can interbreed.

- A) True
- B) False