

Name _____

Unveiling the Mystery of Ammonification

Multiple Choice Questions

1. What is the primary role of ammonification in ecosystems?

- a) To release oxygen into the atmosphere
- b) To convert ammonium into nitrate
- c) To transform organic nitrogen into ammonium
- d) To break down organic matter into carbon dioxide

2. Which organisms are responsible for carrying out the process of ammonification?

- a) Plants
- b) Decomposer organisms
- c) Herbivores
- d) Carnivores

3. What is the end product of ammonification?

- a) Nitrite
- b) Nitrate
- c) Ammonium
- d) Nitrogen gas

4. Where does ammonification primarily occur?

- a) In soil
- b) In water bodies
- c) In the atmosphere
- d) In plant roots

5. Why is ammonification essential for plant growth?

- a) It converts carbon dioxide into oxygen
- b) It releases energy for photosynthesis
- c) It fixes nitrogen gas from the atmosphere
- d) It converts organic nitrogen into a form that plants can absorb

