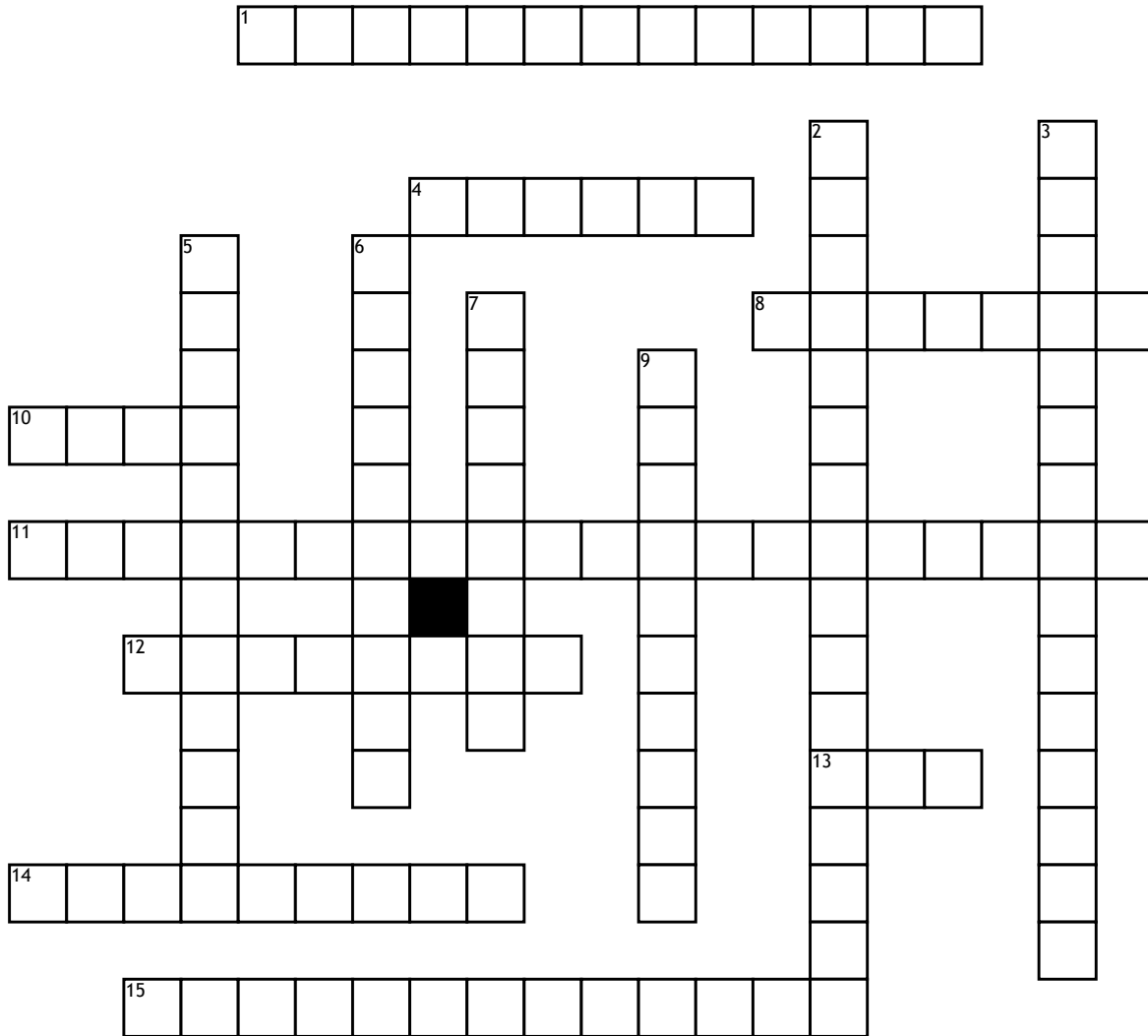


Nitrogen and Phosphorus Cycles



Across

- 1. Phosphorus is excreted in _____
- 4. Plants _____ nitrogen in the form of NH₄ or NO₃
- 8. _____ transfers phosphorus to water and soil
- 10. "Earthy" reservoir that holds ammonium, NH₄
- 11. How animals obtain nitrogen

- 12. What organism converts NO₃ back into N₂
- 13. Phosphorus is used to manufacture this energy source
- 14. Inorganic PO₄
- 15. NH₄⁺ to NO₂⁻ and NO₂⁻ to NO₃⁻ (Process)

Down

- 2. Process N₂ turns into NH₄ inside the nodules of roots

- 3. how fertilizers move into the ocean
- 5. Phosphorus can be found in all _____
- 6. Nitrogen, N₂, can be found in this cycle reservoir
- 7. Animals excrete NH₄ in the form of _____
- 9. Plants and animals release _____ when they decompose