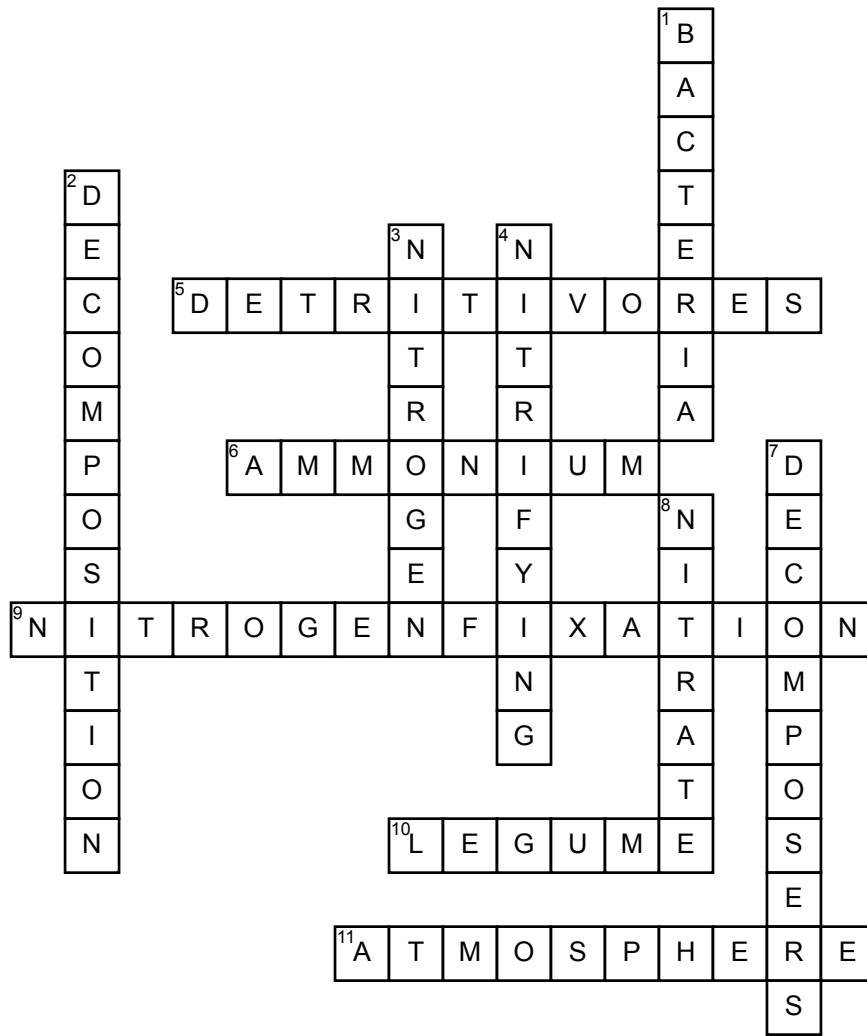


Nitrogen Cycle



Across

- 5. FBI
- 6. NH4+
- 9. Process by which nitrogen in the Earth's atmosphere is converted into a compound in the soil by bacteria that live in the root nodules of certain plant legumes
- 10. Nitrogen fixing monerans in _____ root nodules (#7 in N-cycle)
- 11. The envelope of gases surrounding the earth or another planet

Down

- 1. Organisms in the soil involved in every step of the nitrogen cycle.
- 2. The state or process of rotting; decay
- 3. A chemical element atomic number is 7 and symbol is N
- 4. The conversion of ammonium to nitrate
- 7. Organisms such as bacteria or fungi
- 8. N03

Word Bank

- | | | | |
|-------------------|--------------|----------|---------------|
| Nitrifying | Detritivores | Nitrate | Decomposition |
| Bacteria | Nitrogen | Ammonium | Atmosphere |
| Nitrogen fixation | Decomposers | legume | |