

Science 1206 Ecology Unit



1. Know the following terms:

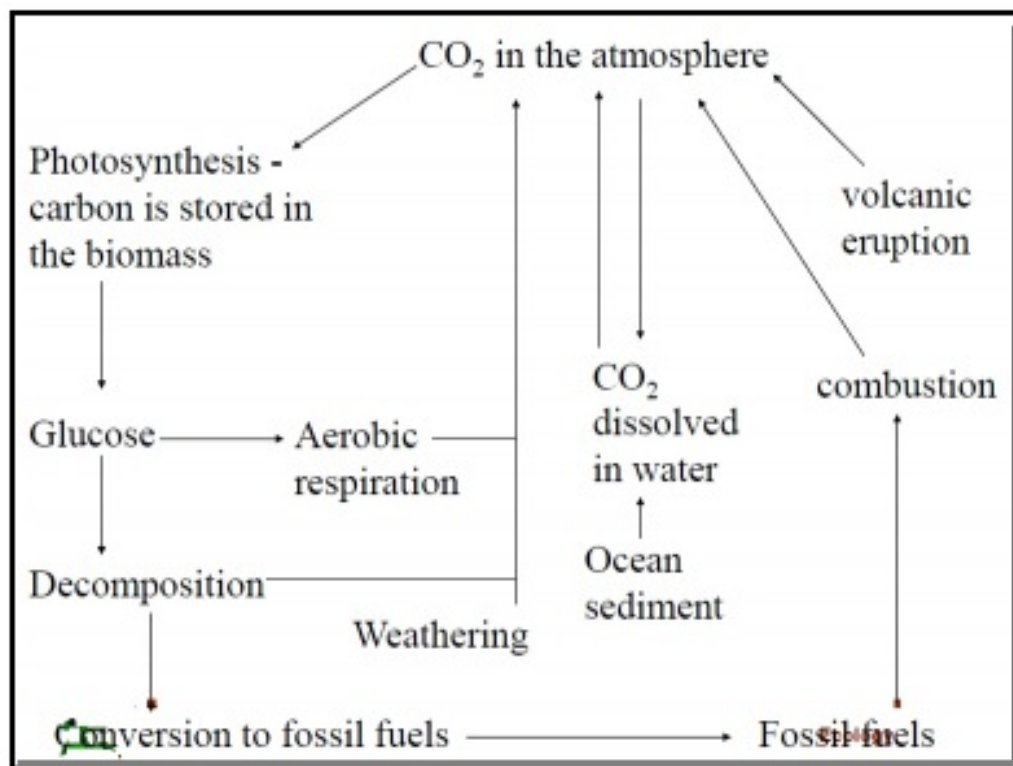
Pest	Pesticides	Non-biodegradable
Bioaccumulation	Biomagnification	Nitrogen fixation
Denitrification	Ammonification	Nitrification
Ozone	Chlorofluorocarbons	Global warming
Greenhouse gases	Oligotrophic	Eutrophication
Biome	Permafrost	

2. Know the classification of Pesticides (See page 53 Table 1)

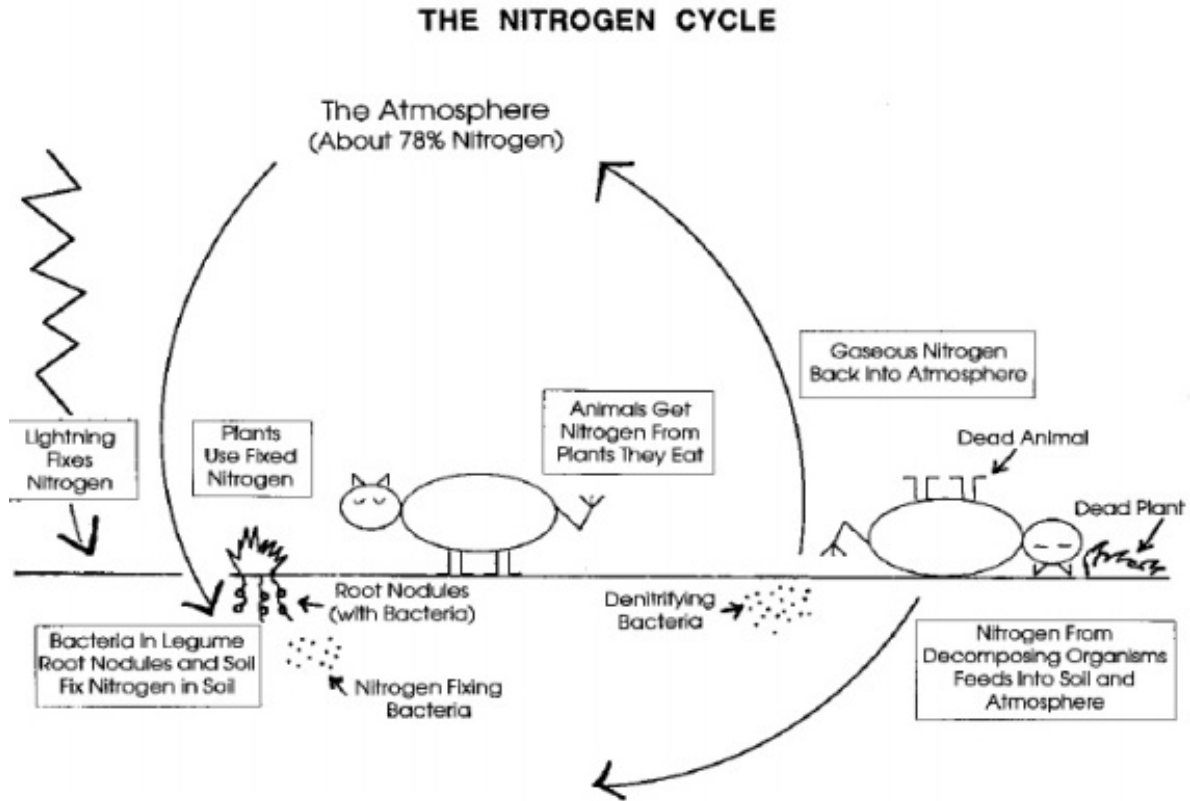
Type of Pesticides	Target	Examples	Persistence
Insecticide	Insects	DDT	2-15 years
Herbicide	Weeds	Roundup	days to weeks
Fungicide	Moulds and other fungi	Captan	days
bactericide	Bacteria	Penicillin	days

3. Describe the mechanisms of bioaccumulation or bioamplification caused by pesticide use, and explain its potential impact on the viability and diversity of consumers at all trophic levels

4. Know the Carbon Cycle:



5. Know the nitrogen cycle



6. Realize the importance of oxygen

7. Know the different terrestrial biomes

- TUNDRA (marshy plain)
- BOREAL CONIFEROUS FOREST (TAIGA)
- TEMPERATE DECIDUOUS FOREST
- GRASSLANDS

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