

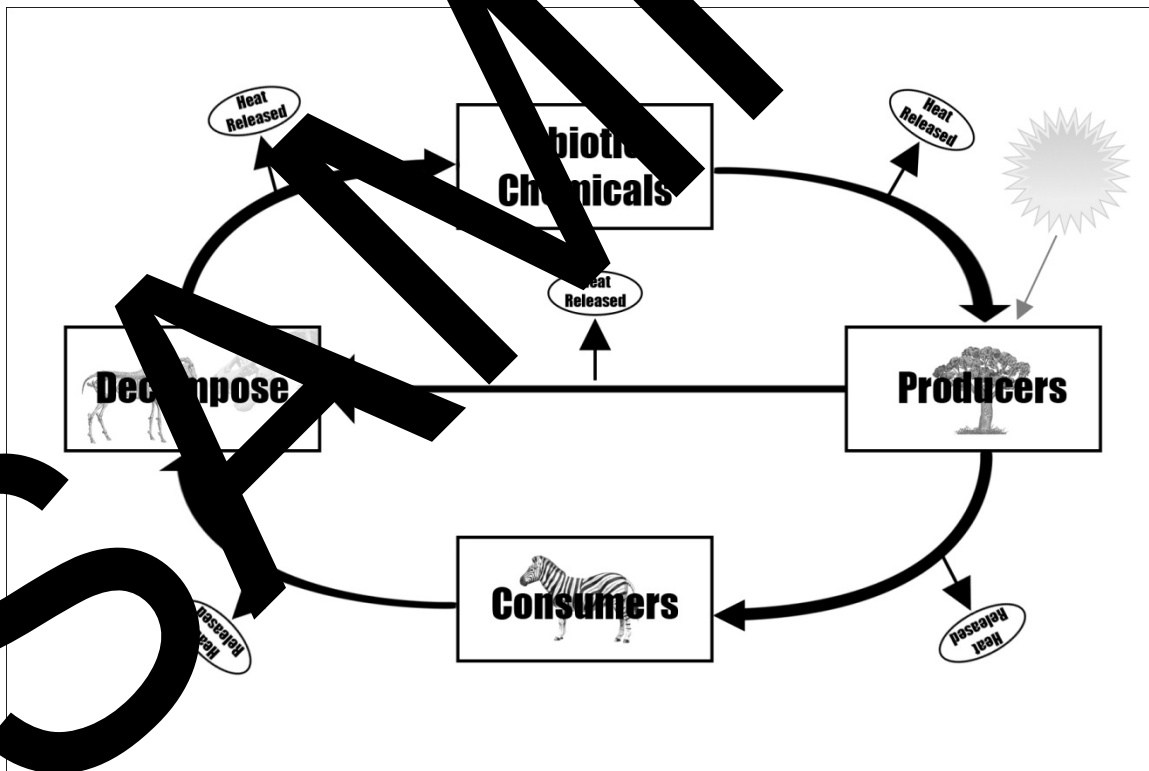
# Kentucky Class Notes

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859.252.NOTE

BIO 102 Danley  
Fall 2010  
Test 1

8/26/10

- We went over the syllabus for the majority of the time.
- Let's get started
  - **ECOLOGY**
    - “-logy” means the study of
    - “Eco-“ means the interaction of the
  - So what is in an **ENVIRONMENT**?
    - The air, water, minerals, organisms, and other external factors surrounding and affecting a given organism
  - **ECOSYSTEM:** Set of organisms interacting with one another and the environment within a defined area



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- **HUMAN ECOLOGY:** The relationship between human activities and the environment's ability to support life
- Things in the news
  - The New Economics Foundation (NEF) tells us that
    - "This year, the human population entered ecological debt on Monday, August 21, 2010..."
    - "For the remainder of this year, we will be using our natural capital to survive."
- Sustainability of natural resources
  - **SUSTAINABILITY:** the ability of the earth to continue to support life's various systems. Support continues even when environmental change and is indefinite to the future.
    - The United Nations defined **SUSTAINABILITY** in 1987. They define as meeting the needs of the present without compromising the ability of future generations to meet their own needs.
    - A plan for sustainability would be ideal if it could conserve or benefit the environment, improve the lives of humans, and make money at the same time.

