

Biogeography. Lecture 10

Alexey Shipunov

Minot State University

February 5, 2016



Outline

Basics of ecology

Ecosystems and biosphere



Basics of ecology

Ecosystems and biosphere



Biosphere, geomerid or Gaia

- ▶ All living things together with ecological factors
- ▶ Biomass: living matter
- ▶ Water, oxygen, carbon dioxide, nitrogen and phosphorous cycles
- ▶ Biosphere consists of biomes, geographically “packed” ecosystems



Summary

- ▶ Biosphere (living Earth) is a biggest ecosystem
- ▶ Phosphorous cycle is the most critical to biosphere



For Further Reading



A. Shipunov.

Biogeography [Electronic resource].

2014—onwards.

Mode of access:

http://ashipunov.info/shipunov/school/biol_330



Ecology.

<http://en.wikipedia.org/wiki/Ecology>

