Ecology studies the interactions among organisms and their environment. Objects of study include interactions of organisms with each other and with abiotic components of their environment. Topics of interest include the biodiversity, distribution, biomass, and populations of organisms, as well as cooperation and competition within and between species. Ecosystems are dynamically interacting systems of organisms, the communities they make up, and the non-living components of their environment.

- Quantitative Ecology - A New Unified Approach (Lehman, Loberg, and Clark)
- Environmental Biology (Fisher)
Conservation Biology in Sub-Saharan Africa (Wilson and Primack)

Thumbnail: Bumblebee pollinating Aquilegia vulgaris. (CC BY-SA 3.0 Unported; Roo72).