

evolution and biodiversity multiple pdf

Biodiversity is not evenly distributed, rather it varies greatly across the globe as well as within regions. Among other factors, the diversity of all living things depends on temperature, precipitation, altitude, soils, geography and the presence of other species. The study of the spatial distribution of organisms, species and ecosystems, is the science of biogeography.

Biodiversity - Wikipedia

Evolution is change in the heritable characteristics of biological populations over successive generations. These characteristics are the expressions of genes that are passed on from parent to offspring during reproduction. Different characteristics tend to exist within any given population as a result of mutation, genetic recombination and other sources of genetic variation.

Evolution - Wikipedia

ActionBioscience.org examines bioscience issues in biodiversity, environment, genomics, biotechnology, evolution, new frontiers in the sciences, and education. Includes peer-reviewed articles, class lessons, and educator resources

ActionBioscience - promoting bioscience literacy

We have updated the Lizard Evolution Virtual Lab based on feedback from field testers (over 50 classrooms!). The virtual lab includes four modules that investigate different concepts in evolutionary biology, including adaptation, convergent evolution, phylogenetic analysis, reproductive isolation, and speciation.

Lizard Evolution Virtual Lab | HHMI BioInteractive

The document was prepared by Biodiversity BC under the direction of its Technical Subcommittee, whose members reviewed and provided comment on various drafts.

Ecological Concepts, Principles and Applications to

Adaptive Management: A Tool for Conservation Practitioners Perhaps you are a member of a project team that is responsible for managing a biosphere reserve or national park.

Adaptive Management - FOS Online

The Stickleback Evolution Virtual Lab will introduce you to the science and techniques used to analyze the forms and structures of organisms—in particular, the pelvic structures of the threespine stickleback fish (*Gasterosteus aculeatus*). The lab includes three experiments in which you will ...

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