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Biogeography is a scientific approach to understanding the distribution and abundance of living things, the biota, on our planet. Island biogeographers are primarily interested in isolated areas and the study of fragmented life zones and their relation to the biota.

Much current work on island biogeography, including our project, focuses on phylogenetics, understanding the relationship among populations and species and how they relate to the geological history of islands. Thus emphasis is on genetic structuring of data, reflecting historical patterns, including patterns of species...

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Biogeography, the study of the geographic distribution of plants, animals, and other forms of life. It considers habitation patterns and factors responsible for variations in distribution. Biogeographic studies divide Earth’s surface into regions exhibiting differences in the average composition of flora and fauna.

If different species share common ancestors, we would expect organisms to share similarities inherited from those ancestors. Features inherited from common ancestors—even if their appearance is quite different in close relatives—are known as homologies. Homologies can be identified by comparing the anatomies of...

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Biogeography is the study of the distribution of species and ecosystems in geographic space and through geological time. Organisms and biological communities often vary in a regular fashion along geographic gradients of latitude, elevation, isolation and habitat area. Phytogeography is the branch of ...

Jun 25, 2017 · Biogeography refers to the distribution of various species and ecosystems geographically and throughout geological time and space. Biogeography is often studied in the context of ecological and historical factors which have shaped the geographical distribution of organisms over time.

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