

BIOGEOGRAPHY ECOL/GEOG/GEOS 438/538 - EXAMPLES: Exam 2

_____ the German scientist who proposed that the biogeographic affinities among the southern hemisphere continents resulted from global-scale geological processes.

_____ the Age of Reptiles (248 - 65 Ma) .

_____ a geological process (mechanism) creating biogeographic patterns on a global scale over a geological time scale.

_____ the geological principal that younger strata overlaid older strata at the time of deposition.

In the space below, draw a continental-oceanic convergent plate boundary labeling continental crust, directions of plate movements, mountain belt, ocean, oceanic crust, ocean trench, subducted slab.

Sketch an elevational diagram of the Catalina Mountains, showing Lowe's "Arizona Life Zones" with a characteristic plant species for each.

On the figure below, sketch Carboniferous continental geography including the equator, Laurasia, Gondwana, Pangea, Pantalassia, Tethys

On the figure below, sketch the location of four major features of semi-permanent global atmospheric circulation.

On the figure below, sketch the location of the boreal forest, desert, tropical rainforest, and tundra biomes.

