**Biodiversity Hotspots WebQuest**

Instructions: Google the locations of the 12 hotspots listed below. Shade them in and mark them by number on the world map below.



**North and Central America Africa**

1. California Floristic Province 7. Coastal Forests of Eastern Africa

2. Caribbean Islands 8. Guinean Forests of West Africa

3. Mesoamerica 9. Madagascar

**South America** 10. Himalaya

4. Cerrado 11. Phillippines

5. Tropical Andes 12. Southwest Australia

Europe and Central Asia

6. Mediterranean Basin

<http://www.conservation.org/where/priority_areas/hotspots/Pages/hotspots_defined.aspx>

**“Hotspots Defined”**

1. Who first coined the term “hotspots” with reference to biodiversity? When?

2. What are the two criteria that an area must meet in order to qualify as a hotspot?

**Choose “Hotspots Revisited, Click on Hotspots in Peril” from the menu on the left and answer the questions:**

1. List five reasons that hotspots are in peril.

2. What is the IUCN and what is the name of the list it compiles of the conservation status of species worldwide?

3. Is there a relationship between hotspots and population density of humans? Between hotspots and violence/war?

**Choose “Conservation Response” from the menu on the left and answer the questions:**

1. We define conservation outcomes at three scales of ecological organization. List them.

2. Name four species-specific threats.

3. What are three conservation responses to species-specific threats?

4. What is the biggest threat to species? (It is not species-specific.)

5. What should be the “primary response to the biodiversity crisis”?

6. How much might conservation efforts cost per year per hotspot?

[**http://www.conservation.org/where/priority\_areas/hotspots/Pages/hotspots\_main.aspx**](http://www.conservation.org/where/priority_areas/hotspots/Pages/hotspots_main.aspx)

