

Ch 22 Questions

1. How did Lyell and Hutton influence Darwin's ideas about evolution?
2. Why was Darwin's idea so "dangerous"?
3. Put into your own words a summary of what Darwin's concept of evolution through natural selection means. (try to discuss cause and effect, and what drives the process)
4. How does the concept of descent with modification explain both the unity and diversity of life?
5. Describe how overreproduction and heritable variation relate to evolution by natural selection.
6. How does evolution account for (a) the similar mammalian forelimbs in fig. 22.17 and (b) the similar lifestyles of the two distantly related mammals shown in fig. 22.20?

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