

Adaptation and Co-evolution

(http://evolution.berkeley.edu/evolibrary/article/0_0_0/biowarfare_01)

Using the web site listed above answer the following questions. The questions and answers are taken directly from the website, so I will know if you have read the pages. FULL SENTENCES!!

- 1. What allows the rough skinned newts to blend in with their back ground?**

- 2. Why do they think the newts curl their head and tail when disturbed?**

- 3. What did Butch hypothesize?**

- 4. In reality what can trigger evolution?**

- 5. Was the hypothesis correct?**

- 6. How toxic is the poison in the newt's skin? (weird fact question)**

- 7. What is the consequence for the newt if it produces too much toxin?**

8. What is the consequence if it produces too little toxin?
9. What happened to the toxin levels in the population over time?
(Remember this is what Natural Selection should have done, not what it did)
10. What was Butch's hypothesis for the newts still having too much toxin?
11. What was eating the newts?
12. What is the websites definition of Co-evolution?
13. What is the verdict under the Differential reproductive success boxes? (hint click on each box)
14. What were the trade-offs for the newt and the snake?
15. In the end did the evidence support the hypothesis that the newt and snake were co-evolving?