

6. Explain the changes seen in light and dark peppered moth from 1800-1950.

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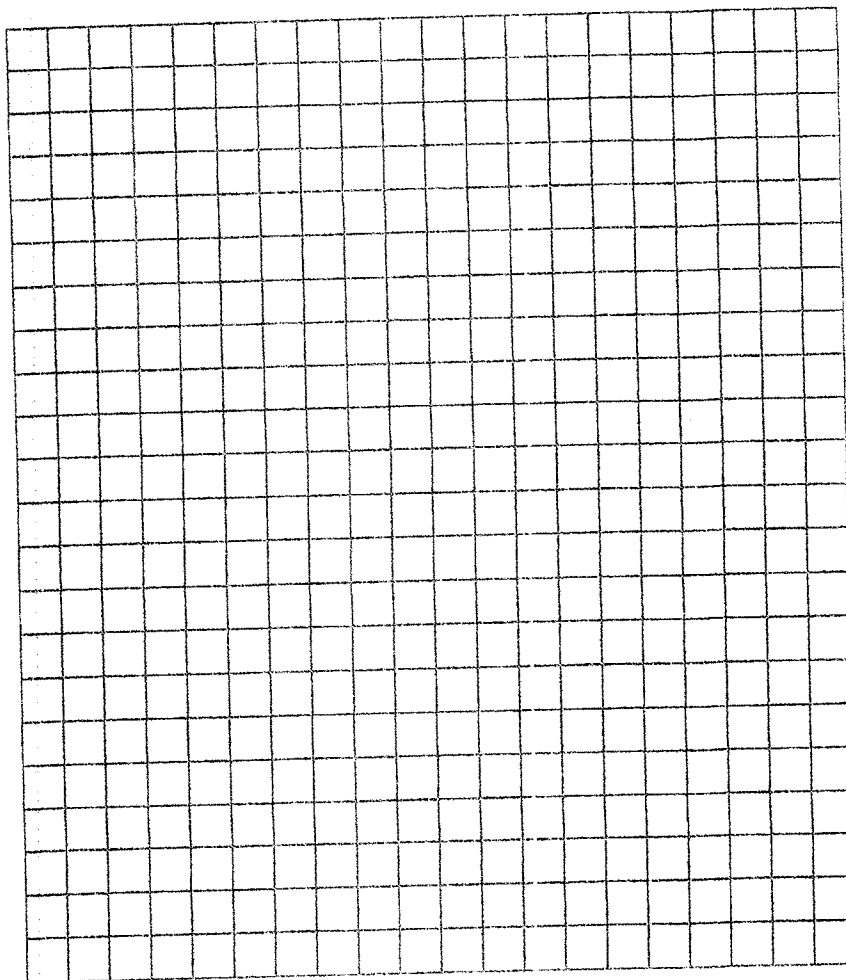
7. Propose an explanation for the return of the peppered moth population to more light than dark moths by the year 2000.

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8. Examine the data in the table. What is the dependent variable? \_\_\_\_\_  
What is the independent variable? \_\_\_\_\_  
What type of graphs should this data generate? Line or Bar (Circle one.)

9. Plot the data. Be sure your graph has all the appropriate information.



| Year | # of Light Moths Captured | # of Dark Moths Captured |
|------|---------------------------|--------------------------|
| 2    | 537                       | 112                      |
| 3    | 484                       | 198                      |
| 4    | 392                       | 210                      |
| 5    | 246                       | 281                      |
| 6    | 225                       | 337                      |
| 7    | 193                       | 412                      |
| 8    | 147                       | 503                      |
| 9    | 84                        | 550                      |
| 10   | 56                        | 599                      |

Graph KEY:

10. Explain in your own words what BOTH LINES on the graph show.

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