

The light, speckled moth rather than the black moth.

Activity A:
Light trees

Get the Gizmo ready:

- Click **Reset** (↺).
- Check that the **LIGHT TREES** tab is selected.



Introduction: Before the 19th century in England, the air was very clean. The bark on trees was usually light in color. Abundant **lichens** growing on tree trunks also lightened their appearance.

Question: How does the color of a peppered moth affect survival?

1. Predict: Over time, what will happen to the populations of light and dark moths on light trees?

Over time, I believe the light moths will persist and procreate as the dark moths start to fade.

2. Experiment: Click **Play** and hunt peppered moths on light tree trunks for five years. In each year, try to capture as many moths as you can. Note: You can use the **spacebar** on your keyboard to quickly advance to the next tree.

After 5 years, select the **TABLE** tab and record the percentages of each moth type. (Note: The table shows current populations of each moth, not the number of captured moths.)

Year	Dark moths	Light moths
0	50%	50%
1	50%	50%
2	41%	59%
3	39%	61%
4	28%	72%
5	29%	71%

3. Analyze: What do your results show?

According to my findings, the population of light moths is steadily rising while that of dark moths is steadily declining.

4. Apply: Which type of moth do you think was more common before the 19th century, when most trees were light in color?

Natural Selection Virtual Lab Ants Answer Key

Yan Bai



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pada balok beton bertulang digunakan dimensi 400x1000 350x700 300x600 250x500 250x400 200x400 dan 150x300 sedangkan untuk tulangan longitudinal menggunakan tulangan diameter d22 d19 d16 d13 dan d10 tulangan transversal menggunakan tulangan diameter Ø10 dan Ø8

perencanaan struktur beton bertulang gedung - Jul 30 2023

perencanaan bangunan gedung bertingkat akan mempertimbangkan efisiensi dan mengacu pada peraturan sni 2847 2019 tentang persyaratan beton struktural untuk bangunan gedung dan sni 1726 2019 yaitu tata cara perencanaan ketahanan gempa untuk struktur bangunan gedung dan non gedung

perancangan gedung bertingkat 10 lantai dengan beton bertulang mutu - Aug 31 2023

perancangan gedung bertingkat 10 lantai dengan beton bertulang mutu tinggi ida ayu putu eka chandra saraswati nrp 03111740000023 hilda imama rofiq nrp 03111740000060 surabaya desember 2020 menyetujui dosen pembimbing bambang

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contoh laporan hitungan struktur bangunan gedung bertingkat pada pekerjaan perencanaan suatu bangunan maka akan dilakukan survey lokasi dan pengambilan data situasi pada lokasi tersebut misalnya seperti countur tanah elevasi sondir tanah akses jalan keadaan sekitar