



Peppered Moth Game

Objective: Simulate changes in moth populations and environmental pressures, and observe how populations change over time.

Go to: <https://www.khanacademy.org/science/biology/a/peppered-moth-biology/a/peppered-moth-biology/v/peppered-moth-biology> and read each section. Watch your play the game section and questions you get

Peppered Moth

1. *Biston betularia* (peppered moth)? England, Europe, and North America
2. Moths are nocturnal and eat leaves? They feed on various kinds of trees
3. *Biston betularia* has two forms? Common
4. *Biston* is the typical form of the moth? Light-colored
(Biston is the "typical" form?) Dark-colored
5. Moths with dark-colored pattern? It is dark and has brown and black patterns



Natural Selection

1. *Biston betularia* is heavily hunted by birds? Yes, especially during the day
2. *Biston* having the dark color and other traits? Yes, especially during the day
3. *Biston* has two forms? The dark and light-colored moths are both present
4. *Biston* with dark-colored pattern? They have dark and light-colored patterns

Dark Moth

1. *Biston* is a nocturnal? Yes, especially during the day
2. Moths are nocturnal and eat leaves? Yes, especially during the day
3. *Biston* has two forms? The dark and light-colored moths are both present
4. *Biston* with dark-colored pattern? They have dark and light-colored patterns
5. *Biston* with dark-colored pattern? They have dark and light-colored patterns
6. *Biston* with dark-colored pattern? They have dark and light-colored patterns



Play the Game

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Christian Drosten



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