

Name _____

Fluttering Pollinators: The Vital Role of Butterflies in Plant Reproduction

Open-Ended Response Questions

1. Discuss the importance of pollination in plant reproduction, and explain how butterflies contribute to this process.
2. Imagine you are a butterfly searching for nectar. Describe the characteristics of flowers you might prefer to visit based on your feeding habits and physical traits.
3. Reflect on the potential consequences of declining butterfly populations on plant diversity and ecosystem stability.
4. How might human activities such as habitat destruction and pesticide use impact the mutualistic relationship between butterflies and flowering plants, and what steps could be taken to mitigate these effects?

