

Name \_\_\_\_\_

## Fluttering Gems: Discovering the Common Butterflies in Your Area

### Open-Ended Response Answer Key

1. The Black Swallowtail Butterfly has dark wings accented by rows of yellow spots and blue markings near the tail.
2. Habitat destruction can impact the populations of common butterfly species in your area by reducing suitable habitat and food sources, leading to declines in butterfly populations and biodiversity.
3. To attract butterflies to your garden, you could plant a variety of nectar-rich flowers, provide host plants for butterfly larvae, create sunny and sheltered spots for basking, and avoid using pesticides.
4. Common butterfly species play important roles in ecosystems as pollinators, helping to fertilize plants and ensure the production of seeds and fruits. They also serve as indicators of environmental health, with declines in butterfly populations often signaling broader issues such as habitat loss or pollution.

