

Bedford County Middle School Envirothon
2023 CURRENT ISSUE
The Importance of Pollinators

Learning Objectives:

After completing study on this issue, students will be able to:

1. Explain what is a pollinator and what is pollination
2. Describe the life of a Honey Bee (Queens, Drones, Worker Bees)
3. Explain the importance (environmental and pollination services) of animal pollinated plants
4. Identify reasons/threats for decline in pollinator abundance and diversity including Colony Collapse Disorder (CCD), habitat loss, climate change, pesticides, and parasites.
5. Describe conservation practices we can do to protect pollinators
6. Identify Pollinators – Bees (Bees important to Pennsylvania Agriculture), Wasps, Butterflies & Moths, Birds, Bats, and Other Animals
7. Identify plants that encourage pollinators to visit your garden
8. Describe the nesting and habitat needs of pollinators
9. Identify the food source preferred by Monarchs - Milkweeds

Testing Resources:

1. Bees & Other Pollinators
2. Pollinators and Their Threats
3. Conserving Wild Bees in Pennsylvania
4. Common Native Bees – Identification
5. Monarch Butterflies – Eastern United States/Monarchs and Milkweeds