

Name _____

Moths and Their Unique Relationships

Open-Ended Response Answer Key

1. The relationship between the yucca plant and the yucca moth is mutualism because the moth helps the plant spread its pollen, and the plant provides food and shelter for the moth's caterpillars.
2. Parasitic relationships can weaken or kill moths, which might reduce their population and impact the animals that depend on them for food.
3. If moths didn't pollinate plants, many plants might not reproduce, leading to fewer flowers, fruits, and seeds in the ecosystem. This could affect animals that rely on those plants for food.
4. Answers will vary but could include ideas like moths forming partnerships with certain animals for protection, such as hiding in nests to stay safe from predators.

