

SCIENCE BULLETIN: LOGGERS IMPERIL MONARCH BUTTERFLIES	
Questions	Monarch Butterflies
1. How have people changed the habitat in this example?	<i>Loggers are illegally cutting down trees that act as the winter habitat of monarch butterflies. This is disrupting the butterfly's winter habitat, leading to a decrease in their population.</i>
2. Why do people change the habitat ? How does it help us?	<i>Loggers respond to the human want/need for building materials, paper, & other wood products, which leads to illegal logging. These loggers provide for their families by cutting down these trees.</i>
3. How do the habitat changes impact populations in this area?	<i>The monarch butterflies are now dying during the winter months because they are no longer protected from the cold by the Oyamel trees.</i>
4. How do you know that the habitat is being changed and that local populations are affected? Describe the evidence or data .	<i>Satellite data of habitat (trees) show declining number of trees and survey data (of monarchs) by scientists show monarch deaths.</i>
5. Suggest how to solve this problem.	<i>Protect more of the Oyamel forests that the monarch butterflies need and plant new trees. Police the forests better so that there is less illegal logging. Improve tourism so that there is an alternative source of income.</i>