



FROM THE
HORSE'S MOUTH

SCIENTISTS ON THE SCIENCE OF GLOBAL CHANGE



Discussion Questions

What is a range shift and why do they happen?

Discuss these questions with a friend or record your thoughts in your science journal.

1. Based on Dr. Parmesan's observations and conclusions, where does it seem likely that there will be populations of Edith's Checkerspot Butterfly in the future?
2. Dr. Parmesan's study involves a type of bioclimate modeling. Based on what she talks about in this clip and on the word itself, what do you think bioclimate modeling is, and why do you think scientists might want to study this topic?