

For Bierregaard et al. (1992):

- (1) Do you agree that the McArthur & Wilson model simply predicts richness from area?
- (2) What is the impact of fragment size and separating distance on the biota? How do these occur?
- (3) What environmental changes occur on edges and how to the alter the biota?
- (4) What limitations exist in the study design? Do you feel comfortable applying these findings to the design of a nature reserve system? Why or why not?

For Robinson et al. (1995):

- (5) What is nest parasitism? How is its rate change with the amount of forest in the landscape?
- (6) What is nest predation? How is its rate change with the amount of forest in the landscape?
- (7) Can you think of any potential confounders that limit our ability to fragmentation as the cause of these responses?

For Carquist (1974)

- (8) In an evolutionary context, why might loss of dispersal ability be advantageous for island species?
- (9) Give an example of this pattern from tropical, temperate, and sub-antarctic islands.

For Nekola (1999)

- (10) Even though they both support isolated populations of northern species, describe why Iowa algific talus slopes and fens represent a natural experiment regarding habitat origin.
- (11) What factors impact species richness of these two habitats. How do they differ?
- (12) How does floristic uniqueness vary across distance in these two habitats?
- (13) How does seed dispersal strategies for the vascular plants of these habitats differ? Why?