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Lecture Assignment 4

2024-09-26

1. Why might dispersing individuals have trouble accurately assessing habitat quality?
2. Think about NHPI in the context of a landscape with declining habitat quality. Describe how NHPI might lead to the creation of an ecological trap if habitat quality is declining. That is, if individuals select habitat conditions similar to those they were raised in, and they were raised in poor-quality habitats, could this lead to an ecological trap and why?
3. Does the Mannan et al. study on Cooper's hawks in Tucson refute the idea that individuals select habitats more similar to their natal habitats? Why or why not?