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Lecture Assignment 3

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1. How do habitat sinks differ from ecological traps?

A habitat sink is a habitat that does not promote a positive net change in a population’s reproduction. An ecological trap is a habitat sink that is preferred over other habitat rather than avoided.

1. Which of these do you think is most common and why?

Habitat sinks are more common as there are many habitats that may have the features an organism looks for but would not promote fitness and are not being preferred over actually viable habitat. From the definition provided by Battin it is when a habitat sink is preferred rather than avoided that creates an ecological trap.