

Niche and Invasive Species

133-125

153-155

Test Questions



Niche - An organism's "role or job" in a community.

Includes -

Location (habitat)

Food sources

Are you a food source?

Temp + Sunlight

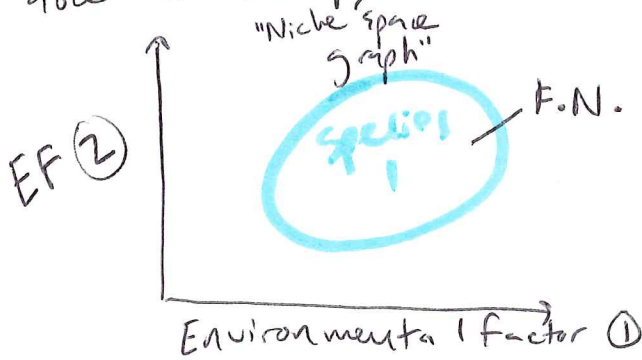
pH or other chemicals

Competitors

Any other job or role

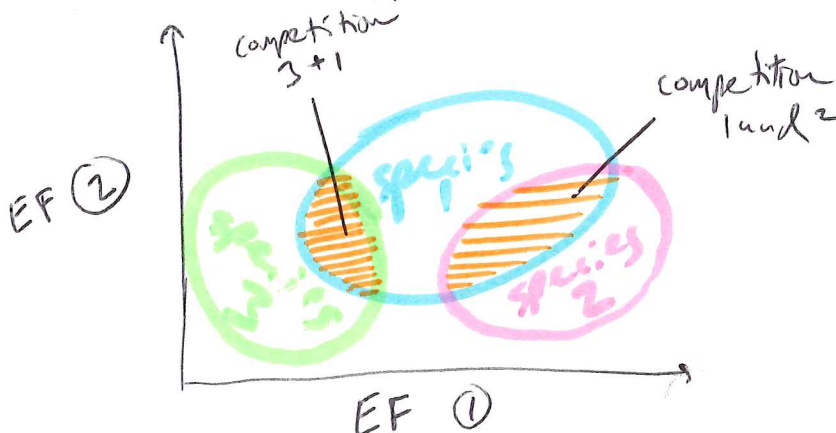
Fundamental niche -

Roles a species is **POTENTIALLY** able to occupy. (No competition)



Realized Niche -

Roles a species is **ACTUALLY** able to occupy. (competition).

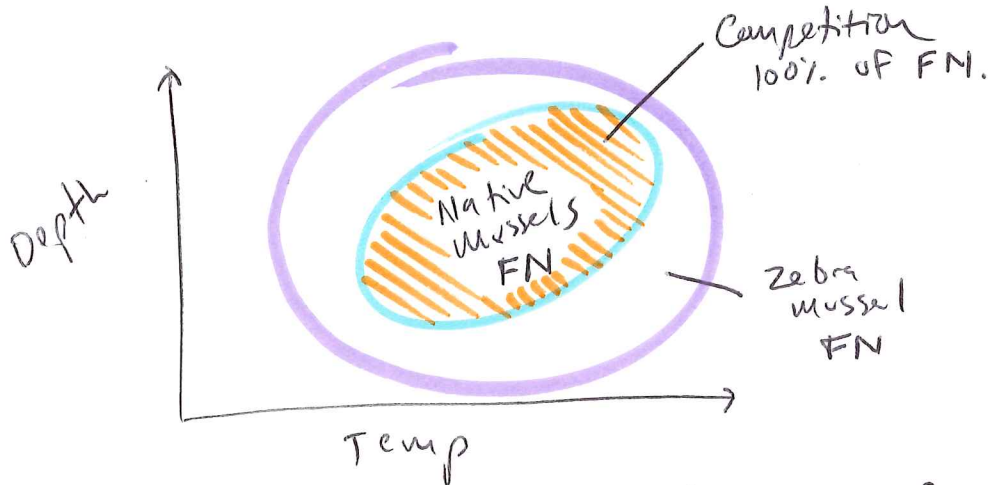


Invasive Species

An ^{introduced} species that displaces the niche(s) of non-invasive species.

Test Questions
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Zebra Mussel Example



Result: Area representing the FN of native mussels overlaps 100% with that of Zebra mussels. Zebra mussels out-competed natives.

Resource Partitioning

when species are able to reduce niche overlap (competition) by adjusting time, location, or type of resources they need.

Bird Resource Partitioning

