

vocabulary		
0	Population	
0	Immigration	
0	Emigration	
0	Exponential Growth	
0	Carrying Capacity	
0	Logistic Growth	



Biological Carrying Capacity

1.	What happens if	too many of one	species live in one	area?
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2. In your own words, define what carrying capacity is and how it affects populations.

3. List three variables that can affect the biological carrying capacity for a species.



4.	What are some food sources for sturgeon?
5.	How do sturgeon survive in periods when lake fly larva are scarce?
6.	What if too many sturgeon populated the lake and ate so many lake fly larva that the flies had trouble reproducing? How would the sturgeon population be affected?



7.	What would happen if another fish species, like the walleye, ate too many of the gizzard
	shad? How would this affect the sturgeon population?

8. Describe two ways biologists can manage Lake Winnebago to support the optimal carrying capacity for sturgeon?

9. What would happen if biologists did not control the population of sturgeon in Lake Winnebago and the number of sturgeon increased? How might this affect the population of lake flies, gizzard shad, and walleye?