Name		Class	Date
	ons and Interdepe	endence	
2. What doe	es the biosphere conta	 nin?	
Levels of	Organization		
3. Why do	ecologists ask questio	ns about events and organism to the biosphere?	ns that range in
	the table about levels	s of organization.	
		LEVELS OF ORGANIZATION	N
Level	Definition		
Species			
	A group of individuals th	nat belong to the same species and live	in the same area
Community			
Ecosystem			

A group of ecosystems that have the same climate and dominant communities

Biotic and Abiotic Factors

1. Complete the table about factors that influence ecosystems.

FACTORS THAT INFLUENCE ECOSYSTEMS

Type of Factor	Definition		Examples	
Biotic factors				
Abiotic factors		_		
2. What do the b	iotic and abiotic factors to	ogether determi	ne?	
The Niche 3. What is a nich	e?			
4. In what ways	is food part of an organism	m's niche?		<u> </u>
5. Circle the lette	er of each sentence that is	true about nich	nes.	
a. Different s	pecies can share the same	e niche in the sa	ame habitat.	
b. No two sp	ecies can share the same	niche in the san	ne habitat.	
c. Two speci	es in the same habitat hav	e to share a nic	the to survive.	
d. Different s	pecies can occupy niches	that are very si	imilar.	
Community	Interactions			
6. When does co	mpetition occur?			
7. What is a reso	ource?			
			?	

Nam	.e	Class Date			
9. V	What is the c	competitive exclusion principle?			
10. V	What is pred	lation?			
	-	tion occurs, what is the organism called that does the killing and eating, the food organism called?			
12. V	What is sym	biosis?			
13. (Complete the	e table about main classes of symbiotic relationships. MAIN CLASSES OF SYMBIOTIC RELATIONSHIPS			
Clas	ss	Description of Relationship			
Mutu	ıalism				
Com	mensalism				
Para	sitism				
-		m from which a parasite obtains nutritional needs is called a tter of each sentence that is true of parasites.			
		nerally weaken but do not kill their host.			
1	b. They obtain	ain all or part of their nutritional needs from the host.			
(c. They neit	ther help nor harm the host.			
(d. They are	usually smaller than the host.			
	•	Succession logical succession?			
17. V	What is primary succession?				
18. T	The first spe	cies to populate an area when primary succession begins are called			
19. V	When a dist	urbance changes a community without removing the soil, what follows?			
		was once referred to as a climax community may appear to be permanent, ght cause it to undergo change?			