Name		Class	Date
Section 4–2	2 What Sha _l	oes an Ecosystem	1? (pages 90–97)
also describes wha	ins how biotic and a at interactions occur r from a disturbance	biotic factors influence an e within communities and ex	ecosystem. It xplains how
Biotic and Al	biotic Factors (page 90)	
1. Complete the	table about factor	s that influence ecosyster	ms.
	FACTORS '	THAT INFLUENCE ECOS	SYSTEMS
Type of Factor	Definition	Exa	mples
Biotic factors			
Abiotic factors			
2 What do thai	hiotic and abjects t	factors together determin	e?
		actors together determine	C:
The Niche (p	ages 91–92)		
3. What is a nich	he?		
4. In what ways	s is food part of an	organism's niche?	
Circle the lett	er of each sentence	e that is true about niche	<u> </u>
		ne same niche in the same	
	•	e same niche in the same	
c. Two specie	es in the same hab	itat have to share a niche	e to survive.
d. Different s	pecies can occupy	niches that are very simi	ilar.
Community 1	Interactions (pa	ages 92–93)	
	ompetition occur?		

8. What is often the result of direct competition in nature?

Naı	me	Class	Date			
9.	What is the competitive exclusion principle?					
10.	What is predation?					
11.	. When predation occurs, what is the organism called that does the killing and eating, and what is the food organism called?					
12.	. What is symbiosis?					
13.	3. Complete the table about main classes of symbiotic relationships. MAIN CLASSES OF SYMBIOTIC RELATIONSHIPS					
CI	ass	Description of Relationship				
М	utualism					
Co	ommensalism					
Pa	ırasitism					
14.	The organis	m from which a parasite obtains nutrition	al needs is called a(an)			
15.	Circle the letter of each sentence that is true of parasites. a. They generally weaken but do not kill their host. b. They obtain all or part of their nutritional needs from the host. c. They neither help nor harm the host. d. They are usually smaller than the host.					
Eco	ological S	uccession (pages 94–97)				
16.	. What is ecological succession?					
17.	. What is primary succession?					
18.	The first species to populate an area when primary succession begins are called					
19.	When a disturbance changes a community without removing the soil, what follows?					
20.	An area that was once referred to as a climax community may appear to be permanent, but what might cause it to undergo change?					

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