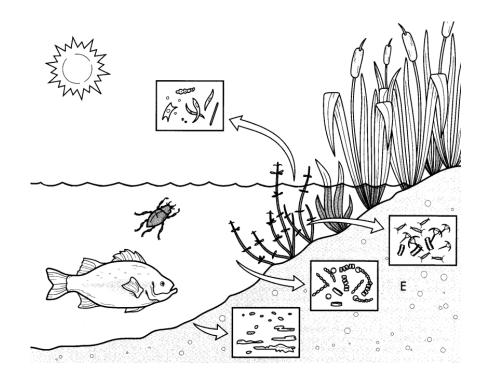
AP BIOLOGY
ECOLOGY
Δ CTI\/ITV #1

NAME	
DATE	HOUR

ECOLOGY AND THE **B**IOSPHERE

ECOLOGY			

LEVELS OF STUDY



QUESTIONS

1.	Match the description with the correct level of study.					
	A. BiosphereB. CommunityC. Ecosystem	D. Organism E. Population				
	The Earth					
	All life and where it liv	es				
	All the members of a which they live Biomes	community plus the physical environment in				
	Tropical rainforest, sa	vanna, desert				
	All the populations livi	ng in a given area				
	All live forms in Bloom	ington-Normal				
	All members of a spec	ies living in a given area				
	All the humans living	n Bloomington-Normal				
	An individual					
	Maynard Ferguson					
2.	Identify each of the following	as A biotic or B iotic.				
	Nonliving factors	Living factors				
	Light intensity	Temperature range				
	Amount of rainfall	Soil type				
	pH	Mineral supply				
	Supply of gases (O ₂ , (CO ₂) Predators				
	Saprophytes, herbivor carnivores, omnivor					

What two factors are used when naming terrestrial biomes?

4. Identify the terrestrial biome described in each of the follow.

3.

Biome	Climate	Vegetation
	High temperature Heavy rainfall	Tall trees
	Tropical High temperature Less rainfall than tropical rainforest	Grasslands Scattered trees
	Hot Dry	Cacti Succulents
	Season droughts Occasional fires Less water and lower temperatures than savannas	Grasses
	Warm summers Cold winters Moderate precipitation	Deciduous trees
	Cold winters Heavy snowfall	Cone-bearing trees
	Very cold winters Permafrost High winds, little rainfall Grasses Sedges	

High winds, little rainfall	ŭ .
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