## Life Science 7

Chapter 20-3 Freshwater Ecosystems p 540-543

Objectives

- List the characteristics of rivers and str

	<ul><li> water on the top,</li></ul>	_ water along	
	the bottom, separated by		
<ul> <li>as fall and spring occur, the layers disappear (all water is</li> </ul>			
	cold) (called	)	
Lak	ke Images		
	ccession in Aquatic Ecosystems		
•	■lake- a relatively young lake		
0	low in nutrients, but rich in oxygen		
0	large diversity of species, but few plants (not enough them)	minerals for	
0	low biomass		
• _	lake- older lakes		
0	as time passes, lake acquires nutrients from runoff		
0	allows growth of plants, algae		
0	species diversity drops, but		
0	if too many nutrients enter the lake, eventually the dead decaying matter can use up the oxygen in the lake, resulting in massive fish kills		
	if result of pollution, called <b>cultural eutrophication</b> eventually lake may completely fill, which then become, and then a	es a	
Sed	cchi Disk Images		
We	etlands		
■ wetland:			
- wottand.			
0	: wetland that has grasses, rushe	s, reeds as	
	dominant vegetation		
_	similar to sloughs or ponds here in MN	ara tha	
0	: wetland where trees and vines a	ale lile	
	dominant vegetation		
	<ul><li>willows, bald cypresses, oaks elms, vines, poison ivy</li></ul>		