

Lower Boise River Periphyton Community Composition Analysis - March 2007

Division	Species	Site					
		Eckert	Veteran's	Glenwood	Middleton	Caldwell	Parma
Cyanophyta:							
	<i>Audouinella violacea</i>						R
	<i>Chamaesiphon incrustans</i>						R
	<i>Chroococcus</i> species					R	
	<i>Lyngbya birgei</i>			C/A			
	<i>Oscillatoria agardhii</i>	R	C	C		R	
	<i>Oscillatoria amphibia</i>			R		R	R
	<i>Oscillatoria princeps</i>		R				
	<i>Phormidium incrustatum</i>		C				
	<i>Phormidium inundatum</i>					C	
Chlorophyta:							
	<i>Cladophora glomerata</i>	R	R		C	R	A
	<i>Closterium ehrenbergii</i>		R				
	<i>Cosmarium</i> species		R	R	R	R	
	<i>Mougeotia</i> species	R			R		
	<i>Oedogonium</i> species	C	R				R
	<i>Stigeoclonium polymorphum</i>		R	R			
	<i>Ulothrix aequalis</i>		C	R			
	<i>Ulothrix zonata</i>			R	R		
Bacillariophyta:							
	Centric diatoms		R				R
	Pennate diatoms	A	A	A	A	A	A
	<i>Asterionella formosa</i>	R					
	<i>Fragilaria virescens</i>	C	C	R	C	R/C	
	<i>Melosira granulata</i>						
	<i>Melosira varians</i>	C	C	R	C	C	R
	<i>Stephanodiscus niagarae</i>	R	R	R			R

R - Rare, present in <10% of microscope fields

C - Common, present in 10-20% of microscope fields

A - Abundant, present in >20% of microscope fields