

Quantitative Targeted-Habitat Periphyton Sample Field Data Sheet

SAMPLE HEADER	
Station:	Date (MM/DD/YYYY): / /
Waterbody:	
Station description:	
Station ID:	Reach:
Collector (leader):	Start time: h End time: h
Sample and photographic notes:	

RELATED SAMPLING ACTIVITIES (circle all that apply)			
Water chemistry	Discharge	Habitat survey	Tissues
Invertebrate survey	Fish survey	Bed sediment	Other (specify):

PHYSICAL SITE CONDITIONS			
Clouds: %	Wind (circle): Calm Light Moderate Gusty		
Precipitation (circle): None Rain Sleet Snow	Precipitation intensity (circle): N/A Light Moderate Heavy		
Other weather:			
Beginning water measurements		Ending water measurements	
Time:		Time:	
Water temperature (°C):		Water temperature (°C):	
pH:		pH:	
Dissolved oxygen (mg/L):		Dissolved oxygen (mg/L):	
Specific conductance [(µS/cm) @ 25 °C]:		Specific conductance [(µS/cm) @ 25 °C]:	
Turbidity (NTUs)		Turbidity (NTUs)	
Discharge (ft ³ /s):		Stream stage: ft @ time h	
Riparian shading (circle): Shaded Partial Full sun			
Water clarity (circle): Clear Slightly turbid Turbid Very turbid			
Water color (circle): Black Brown Clear Dark green Light green Yellow			
Physical site condition comments:			

SAMPLING INFORMATION									
Primary sample or Repeated sampling replicate? (circle one)						Sample Number:			
Sample type (circle one): RTH DTH						Sample component: Microalgae			
Periphyton habitat sampled (circle): Epilithic Epidendric Epiphytic Epipsammic Epipellic									
Sampling method or device (circle): SG-92 Top-rock scrape Cylinder scrape Gravel sampler Petri dish Other:									
Sampling area—Beginning diameter: cm; Ending diameter: cm; Average diameter: cm									
Number of discrete collections constituting composite sample: ; Total area of periphyton sample: cm ²									
Sample volume: mL									
Subsample bottles/filters (complete all)									
SSV=subsample volume; PV=preservative volume; BDV=before decant volume; ADV=after decant volume Preservative: buffered formaldehyde; NA (not applicable)									
Sample analysis	SSV (mL)	PV (mL)	Split? (Y or N)	Decant? (Y or N)	BDV (mL)	ADV (mL)	SMCOD component code	Bottle/ filter sequence	Field SMCOD
ID							B		
ID							S		
CHL A		NA					B		
CHL A		NA					S		
CHL A		NA					S		
AFDM		NA					B		
AFDM		NA					S		
AFDM		NA					S		
Subsample comments:									

SUPPORTING INFORMATION								
Sample location number	Water depth (m)	Secchi depth (m)	Velocity (ft/s)	Riparian shading S=shaded P=partial F=full sun	Type and color of macroalgae, if present			
1								
2								
3								
4								
5								
LIGHT MEASUREMENTS (complete all)					WOODY SNAG MEASUREMENTS			
Type of light meter used (circle): LI-250 Other:								
Type of light sensor used (circle): LI-192SA Other:								
Light Reading No.	Depth (cm) of reading below surface of water	Light intensity reading						
		Location 1	Location 2	Location 3	Sample location number	Woody snag number	Snag length (cm)	Snag diameter (cm)
		Time:	Time:	Time:				
1	1					1		
2						2		
3						3		
4						4		
5						5		
6						6		
7						7		
8						8		
9						9		
10						10		
11								