

Day in the Life of the Hudson River 10/22/20

SCHODACK ISLAND STATE PARK

RIVER MILE: 134.5

Salt Front: ~ RM 75

Liz LoGuidice & Fran Martino – total 10 people
Resilience Communications & River Haggie Outdoors
Latitude 42.499487 N & Longitude – 73.776702 W



Brook Silverside

Location: Schodack Island State Park, Schodack Landing, Rensselaer County, NY

Area: 1052 acres- park and boat launch area- grassy area with concrete walkway, pier, forested, grassy, parking lot, and boat launch

Surrounding Land Use: 65% Forested, 10% Urban/Residential, 25% boat launch

Sampling Site: Boat launch, banks altered, covered in vegetation, riprap, concrete bulkhead, pipe entering the water

Shoreline: 50% Muddy, 50% Rocky

Water:

River Bottom: Rocky, muddy

Plants in the water:

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<i>Physical</i>				
<i>Air Temperature</i>	5:00 PM	66.2 ° F	19 ° C	
<i>Wind Speed:</i>	NR			
<i>Weather today</i>	4:30 PM no rain			
<i>Weather past 3 days:</i>	Average temps, mostly dry, slight rain on the 20th			
<i>Tides- tide stick</i>	<i>Low Tide Time</i>	<i>Rising, Falling, Unchanged</i>	<i>Low Tide</i>	<i>High Tide</i>
	4:30 PM	Slack tide	3:56 PM	9:26 AM
<i>Current-</i>	<i>Time</i>	<i>cm/second, Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
	NR			
<i>Water Temperature-</i>	5:00 PM	15 ° C	59 ° F	
<i>Turbidity- long site tuce</i>	5:00 PM	103 cm		
<i>Chemical</i>				
<i>Salinity- LR Quantabs</i>	NR			
<i>DO – Hach drop count</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	4:45 PM	15 ° C	6	65%
<i>pH – LaMotte color match</i>	5:30 PM	7.2		

<i>Biological</i>				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Notes</i>
	59	Banded Killifish		
	91	Spottail Shiner		
	10	Blueback Herring		
	1	Striped Bass yoy		
	1	Bluegill sunfish		
	1	Brook Silverside		
Fish Totals	TOTAL: 163	Diversity: 6		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
NR				
Macroinvertebrate Totals	TOTAL:	Diversity:		
<i>Sediment Core</i>	<i>Time</i>	<i>Oxid Top</i>	<i>Grain Size</i>	<i>Other Features</i>
	NR			
Boats	Time	Name/Color	North/South	Loaded/Light
	NR			
Observations				