

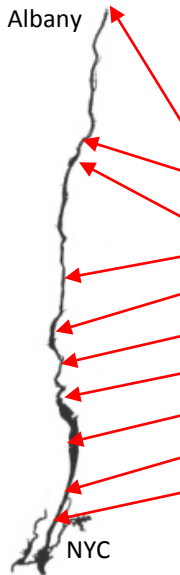
A Day in the Life of the Hudson River 2015: *Fishing Teacher's Section*

Your site: _____ What did you catch or see on October 20? _____

Students with seine nets, as well as catch-and-release traps, caught over 1200 fish of 30 species on A Day in the Life of the Hudson River Estuary. They included some surprises, like a beautiful greenside darter found in Schoharie Creek in the Mohawk Valley, a northern pipefish in fresh water (they are usually found in saltier water), and naked gobies! Here are results for some common species from a few of the many sites visited.

Catch data for some sites visited on October 20, 2015

River Mile	Site	spottail shiner	banded killifish	Atlantic silverside	white perch	striped bass	pumpkinseed	tessellated darter
154	Peebles Island	20	39				4	5
115	Athens	107	87		4		1	22
108	Germantown	17	3			12	4	6
78	Quiet Cove/Poughkeepsie	10			2	1		
61	Long Dock/Beacon	3	1	2	11	2	3	
51	Garrison	6		22	13	6	3	1
35	George's Island		3	17	13	4		
28	Nyack Park		3	5	4	12		
18	Habirshaw Park, Yonkers		4	1	3	3		
4	Ft. Washington Park/NYC			62		2		
Fill in the totals for each fish:		163	140	109	50	42	15	34



A greenside darter from Schoharie Creek (above) and a northern pipefish seined at Norrie Point (below).



Answer the questions below based on the table above.

- For the sites listed, which fish was caught in greatest numbers on October 20?
spottail shiner
- Which species was caught in the most places (on this list) on October 20?
striped bass

In the Hudson River Estuary, the water near the ocean is salty. Further upriver it is fresh. The leading edge of salty water is called the **salt front**. On October 20 the salt front was between Long Dock/Beacon and Quiet Cove/Poughkeepsie.

- Based on the location of the salt front, which of the listed fish species is found mainly in saltwater?
Atlantic silverside
- Which three species are found mainly in freshwater?
spottail shiner, pumpkinseed, tessellated darter
- Which three species might be found throughout the estuary, both in fresh and salt water?
banded killifish, white perch, striped bass