








A Day in the Life of the Hudson and Harbor 2023: Fishing!

2023 was the 21st annual Day in the Life of the Hudson and Harbor! Over 80 sites were sampled by over 5,000 participants. The table below shows some of the fish caught.

Hudson River Mile	Site	American Eel 	Spottail Shiner 	Banded Killifish 	Atlantic Silverside 	Northern Pipefish 	Striped Bass 	Largemouth Bass 
Albany 132.5	Hannacroix Creek Preserve		1	7				
	Falling Water Glasco	2	2	15				
RM 100 100.5	Esopus Meadows	1		1				2
87	Highland Landing Park		3	8			1	1
76	Denning's Point, Beacon		4				7	
60	West Point	4	15		11		3	
RM 50 52	George's Island Montrose	3			5		2	
40	Bowline Park Haverstraw	1			11		2	
37	Sleepy Hollow				21		3	
28	Irvington				33	1	2	
25	CURB Yonkers				18	1	2	
RM 0 18	Ferry Point Bronx				120	5		

Answer the questions based on the table above:

1) Which species was caught in the most places (on the list) on October 5, 2023? **Striped Bass**

2) In the Hudson River Estuary, the water near the ocean is salty, while further upriver it is fresh. The leading edge of salty water is called the salt front. Atlantic silversides can be found pushing right up to the edge of the salt front. Based on the northernmost site listed here with Atlantic silversides, where would you estimate the location of the salt front on October 5th?

Near RM 52 (West Point)

3) Based on the location of the salt front, which of the listed fish species are found mainly in saltwater?

Atlantic Silversides, Northern Pipefish

4) Which species are found mainly in freshwater?

Spottail Shiner, Banded Killifish, Largemouth Bass

5) Which species is likely to be found throughout the whole estuary, in both fresh and salt water?

Striped Bass and American eels are both migratory fish. Striped bass spawn in the river, while eels spawn in the ocean. Both species use both fresh and saltwater at different stages of their lives.