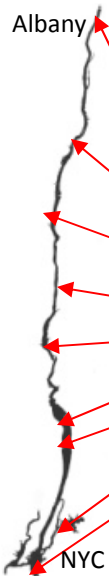


# A Day in the Life of the Hudson River 2012: *Fish*

Your site: \_\_\_\_\_ What did you catch on Oct 4<sup>th</sup>?: \_\_\_\_\_

Students with seine nets, as well as catch-and-release traps, caught over 1600 fish from 34 species on A Day in the Life of the Hudson River Estuary. The table below displays catches from just a handful of sites.

**Catch data for some of the sites on Oct 4<sup>th</sup>, 2012**



River Mile (or related waterway)	Site	Herring	Spottail Shiner	Banded Killifish	Atlantic Silverside	Striped Bass	Bluefish
153	Green Is./Troy	2	254				
115	Cohotate	52	12	19		5	
92	Kingston		28			1	
76	Poughkeepsie		18	47		1	
58	Kowawese		4	1		10	
31	Nyack				60	4	
25	Piermont	3			179	16	
East River	Brooklyn Bridge				4	1	1
NY Harbor	Staten Island				112		1
<b>Fill in the totals:</b>							



Striped bass at the Brooklyn Bridge

Answer the questions below based on the table above.

1. For the sites listed, which fish was caught in greatest numbers on October 4<sup>th</sup>?
2. Which species were caught in the most places (on this list) on October 4<sup>th</sup>?

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**. On October 4<sup>th</sup> the salt front was near the Beacon-Newburgh Bridge at River Mile 62.

3. Based on the location of the salt front, which two of the listed fish species is found mainly in saltwater?
4. Which two species are found mainly in freshwater?
5. Which two species are likely to be found throughout the whole estuary, both fresh and salty?