Students with seine nets, fishing rods, and minnow and crab traps caught many fish and invertebrates of many different kinds on A Day in the Life of the Hudson River Estuary. Some surprises included mole crabs at Staten Island, comb jellies at Croton, and a pipefish near Kingston! Here are results from just a few of the many sites:

### Catch data for some of the sites on October 10, 2013

<table>
<thead>
<tr>
<th>River Mile (or connected waterway)</th>
<th>Site Location</th>
<th>Bluegill Sunfish</th>
<th>Spottail Shiner</th>
<th>Atlantic Silverside</th>
<th>Striped Bass</th>
<th>White Perch</th>
<th>Comb Jellies (ctenophores)</th>
</tr>
</thead>
<tbody>
<tr>
<td>127 Stuyvesant</td>
<td>5</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>115 Cohotate</td>
<td>17</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>92 Kingston</td>
<td>7</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>87 Esopus Meadows</td>
<td>3</td>
<td>4</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>58 Kowawese</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>43 Peekskill</td>
<td>77</td>
<td>3</td>
<td>1 many</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>41 Verplanck</td>
<td>8</td>
<td>1</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31 Nyack</td>
<td>5</td>
<td>14</td>
<td>9</td>
<td>450</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harlem River</td>
<td>Swindler Cove</td>
<td>32</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 Pier 84</td>
<td>3</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>East River</td>
<td>Brooklyn Bridge</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fill in the totals:</td>
<td>4</td>
<td>32</td>
<td>116</td>
<td>56</td>
<td>30</td>
<td>More than 488</td>
<td></td>
</tr>
</tbody>
</table>

#### Answer these questions based on information in the table above.

1. For the sites listed, which creature was caught in greatest numbers on October 10?
   
   **Comb jellies (ctenophores)**

2. Which of the species on this list were caught in the most places on October 10?
   
   **Striped bass and white perch; both were caught in nine places.**

In the Hudson River estuary, the water near New York City and the Atlantic Ocean is salty. Further upriver, the water is fresh.

3. Based on the locations where they were caught, which two of the species listed are found mainly in saltwater?

   **Atlantic silverside and comb jellies (ctenophores)**

4. Which two species are found mainly in freshwater?

   **Bluegill sunfish and spottail shiner**

5. Which two species are found throughout the whole estuary, in both fresh and salty water?

   **Striped bass and white perch**