2002 Snapping Turtle Survey
2002 Snapping Turtle Survey

- Eggs from 42 nests or turtles were sampled within study site (Regions 1 – 4)
- Two reference sites (upstream and other) yielded 17 nests or turtles
- Each sample was a composite of 5 eggs (one sample consisted of 3 eggs)
- Study site t-PCBs: 70 – 31,800 ppb
- Reference site t-PCBs: 10 – 565 ppb
2002
Snapping Turtle Eggs
# 2002 Snapping Turtle Eggs

<table>
<thead>
<tr>
<th>Site</th>
<th>n</th>
<th>Conc. Range (ppb)</th>
<th>Conc. Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region 1</td>
<td>11</td>
<td>70 - 31800</td>
<td>9840 +/- 10400</td>
</tr>
<tr>
<td>Region 2</td>
<td>11</td>
<td>219 - 27400</td>
<td>6330 +/- 7710</td>
</tr>
<tr>
<td>Region 3</td>
<td>7</td>
<td>2250 - 6140</td>
<td>4290 +/- 1690</td>
</tr>
<tr>
<td>Region 4</td>
<td>13</td>
<td>385 - 5930</td>
<td>2420 +/- 1880</td>
</tr>
<tr>
<td>Upstream</td>
<td>9</td>
<td>32 - 565</td>
<td>187 +/- 182</td>
</tr>
<tr>
<td>Other</td>
<td>8</td>
<td>10 - 57</td>
<td>34 +/- 16</td>
</tr>
</tbody>
</table>
2002 Snapping Turtle Eggs

PCB Concentration (ppb)

Region 1  Region 2  Region 3  Region 4  Reference
2002 Snapping Turtle PCB Homologue Composition by Region
2002 Snapping Turtle PCB Congener Weighted Averages

Region 1 | Region 2 | Region 3 | Region 4 | Upstream | Other
---|---|---|---|---|---
Congener Index
20
22
24
26
28
30
32
34
36

Congeners shown in different colors for each region and category.
2003 Bullfrog Tadpole Survey

- Sediment collected from 9 sites (2 reference)
- Composited samples (n = 9)
- Tadpoles collected from 8 sites (6 study, 2 reference)
- Tadpole gut coils were removed and individuals were composited based on developmental stage (n = 1 - 12)
## 2003 Bullfrog Tadpoles

<table>
<thead>
<tr>
<th>Site</th>
<th>n</th>
<th>Conc. Range (ppb)</th>
<th>Conc. Mean (+/- 1 SD)</th>
<th>Sediment</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>4</td>
<td>2190 – 7680</td>
<td>3940 +/- 2540</td>
<td>57600</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>2500 – 9280</td>
<td>4810 +/- 2620</td>
<td>48900</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>501 – 4000</td>
<td>1710 +/- 1600</td>
<td>6880</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td>559 – 1730</td>
<td>1017 +/- 404</td>
<td>2640</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>354 – 1070</td>
<td>607 +/- 289</td>
<td>5820</td>
</tr>
<tr>
<td>8</td>
<td>6</td>
<td>823 – 1570</td>
<td>1060 +/- 319</td>
<td>4550</td>
</tr>
<tr>
<td>1</td>
<td>6</td>
<td>48 – 108</td>
<td>80 +/- 22</td>
<td>834</td>
</tr>
<tr>
<td>9</td>
<td>5</td>
<td>15 – 97</td>
<td>40 +/- 33</td>
<td>508</td>
</tr>
</tbody>
</table>

Study sites are listed upstream (Site 7) to downstream (site 8); **Red font indicates reference sites**
2003 Bullfrog Tadpoles

The diagram shows the PCB concentration (ppb) for different regions and a reference. The x-axis represents the different regions: Region 1, Region 2, Region 3, and Reference. The y-axis represents the PCB concentration on a logarithmic scale ranging from $10^1$ to $10^5$.