|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |   |   | Condition Factor | Shell Thickness (mm) | Hydrogen Peroxide (OD620) | Hemocyte Count (cells mL-1)  |
| Park | Site | Year | Median | Range | Median | Range | Median | Range | Median | Range |
| Katmai | Takli | 2015 | 0.15 | 0.11-0.34 | 0.39 | 0.34-0.47 | 0.07 | 0.05-0.09 | 388,333 | 110,000-883,333 |
| 2016 | 0.14 | 0.11-0.20 | 0.76 | 0.59-0.92 | 0.04 | 0.02-0.07 | 186,667 | 32,000-1,540,000 |
| Kukak | 2015 | 0.11 | 0.06-0.17 | 0.29 | 0.24-0.38 | 0.05 | 0.02-0.09 | 250,667 | 16,667-1,740,000 |
| 2016 | 0.11 | 0.07-0.17 | 0.57 | 0.44-0.75 | 0.02 | 0.01-0.10 | 283,333 | 13,333-1,326,000 |
| Kaflia | 2015 | 0.17 | 0.13-0.24 | 0.51 | 0.40-0.55 | 0.06 | 0.04-0.10 | 80,000 | 43,333-146,667 |
| 2016 | 0.12 | 0.07-0.17 | 0.66 | 0.49-0.87 | 0.03 | 0.01-0.09 | 31,667 | 3,333-1,540,000 |
| Lake Clark | Fossil Point | 2015 | 0.27 | 0.11-0.35 | 0.58 | 0.34-0.88 | 0.06 | 0.04-0.14 | 181,667 | 73,333-1,153,333 |
| 2016 | 0.20 | 0.14-0.30 | 0.74 | 0.58-1.45 | 0.03 | 0.02-0.03 | 216,667 | 33,333-364,000 |
| Silver Salmon | 2015 | 0.19 | 0.10-0.24 | 0.72 | 0.41-0.90 | 0.04 | 0.02-0.07 | 100,000 | 36,667-376,667 |
| 2016 | 0.14 | 0.11-0.27 | 0.75 | 0.58-1.25 | 0.05 | 0.04-0.06 | 498,333 | 300,000-593,333 |
| Chinitna Bay | 2015 | 0.20 | 0.14-0.26 | 1.17 | 0.79-1.58 | 0.06 | 0.04-0.07 | 355,000 | 116,667-660,000 |
| 2016 | 0.23 | 0.14-0.32 | 1.60 | 1.22-2.22 | 0.05 | 0.04-0.06 | 855,333 | 193,333-1,740,000 |
|   |   |   | RNA:DNA g-1 | P450 (activity mg-1 protein) | HSP40 (Arbitrary Units) |
| Park | Site | Year | Median | Range | Median | Range | Median | Range |
| Katmai | Takli | 2015 | 48.21 | 4.05-145.39 | 86.13 | 17.10-178.65 | 1.72 | 0.32-4.56 |
| 2016 | 148.00 | 37.73-294.39 | 18.62 | 10.07-32.44 | 5.26 | 2.22-40.03 |
| Kukak | 2015 | 49.22 | 15.40-106.93 | 30.56 | 13.24-89.90 | 3.07 | 0.28-13.90 |
| 2016 | 230.95 | 171.30-833.49 | 15.80 | 9.12-46.34 | 5.07 | 1.76-20.62 |
| Kaflia | 2015 | 58.83 | 3.11-337.55 | 52.54 | 16.18-107.34 | 1.55 | 0.51-2.98 |
| 2016 | 203.50 | 92.48-557.92 | 25.61 | 15.71-77.47 | 1.09 | 0.53-7.95 |
| Lake Clark | Fossil Point | 2015 | 47.05 | 24.63-61.07 | 33.90 | 18.51-71.66 | 8.50 | 0.34-14.04 |
| 2016 | 77.34 | 25.27-255.02 | 31.41 | 20.52-35.04 | 3.89 | 1.16-9.98 |
| Silver Salmon | 2015 | 45.11 | 1.74-105.21 | 50.84 | 13.26-89.52 | 5.71 | 0.18-10.90 |
| 2016 | 47.92 | 13.48-358.04 | 16.41 | 9.47-35.40 | 2.21 | 0.31-24.21 |
| Chinitna Bay | 2015 | 139.04 | 15.58-744-28 | 61.24 | 15.71-190.33 | 2.61 | 0.43-10.91 |
| 2016 | 52.59 | 3.60-266.04 | 12.93 | 7.62-26.86 | 18.15 | 3.39-28.76 |