TLF Results paragraphs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **N** | **TLF** | **SD** | **Range** |
| 2007 | 745 | 0.79 | 1.53 | 0 - 17 |
| 2008 | 873 | 0.53 | 1.2 | 0 - 12 |
| 2009 | 1383 | 0.14 | 0.44 | 0 - 4 |
| 2010 | 747 | 0.22 | 0.63 | 0 - 6 |
| 2011 | 725 | 0.64 | 1.42 | 0 - 9 |
| 2012 | 947 | 0.31 | 0.68 | 0 - 5 |
| 2013 | 627 | 0.4 | 0.92 | 0 - 8 |
| 2014 | 652 | 0.19 | 0.55 | 0 - 4 |
| 2015\* | 754 | 0.17 | 0.48 | 0 - 6 |
| 2016\*\* | 705 | 0.36 | 0.8 | 0 - 8 |
| 2017\*\* | 605 | 0 | 0 | 0 - 0 |

**Table 6:** Average TLF and standard deviation per parent year.

\* Note that 2015 estimates do not include potential year 6 offspring. However we expect these offspring to contribute very little to TLF (< 2%)

\*\* Note that 2016 and 2017 offspring do not include potential year 5 and 6 offspring, and potential year 4 5 and 6 offspring, which are expected to substantially contribute to TLF for these parents years

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | **Source\*\*\*** | **N** | **TLF** | **SD** | **Range** |
| 2007 | Hatchery Outplant | 745 | 0.79 | 1.53 | 0 - 17 |
| 2008 | Hatchery Outplant | 873 | 0.53 | 1.2 | 0 - 12 |
| 2009 | Hatchery Outplant | 1383 | 0.14 | 0.44 | 0 - 4 |
| 2010 | Cougar Trap | 251 | 0.26 | 0.65 | 0 - 4 |
| 2010 | Hatchery Outplant | 496 | 0.19 | 0.63 | 0 - 6 |
| 2011 | Cougar Trap | 385 | 0.74 | 1.54 | 0 - 9 |
| 2011 | Hatchery Outplant | 340 | 0.54 | 1.26 | 0 - 9 |
| 2012 | Cougar Trap | 517 | 0.38 | 0.77 | 0 - 5 |
| 2012 | Hatchery Outplant | 430 | 0.22 | 0.53 | 0 - 3 |
| 2013 | Cougar Trap | 187 | 0.75 | 1.3 | 0 - 8 |
| 2013 | Hatchery Outplant | 440 | 0.26 | 0.65 | 0 - 5 |
| 2014 | Cougar Trap | 153 | 0.27 | 0.74 | 0 - 4 |
| 2014 | Hatchery Outplant | 486 | 0.17 | 0.48 | 0 - 3 |
| 2015\* | Cougar Trap | 154 | 0.29 | 0.69 | 0 - 6 |
| 2015\* | Hatchery Outplant | 600 | 0.14 | 0.41 | 0 - 4 |
| 2016\*\* | Cougar Trap | 242 | 0.38 | 0.88 | 0 - 8 |
| 2016\*\* | Hatchery Outplant | 459 | 0.34 | 0.75 | 0 - 6 |
| 2017\*\* | Cougar Trap | 157 | 0 | 0 | 0 - 0 |
| 2017\*\* | Hatchery Outplant | 448 | 0 | 0 | 0 - 0 |

**Table 6b:** Average TLF and standard deviation per parent year and source.

\* Note that 2015 estimates do not include potential year 6 offspring. However we expect these offspring to contribute very little to TLF (< 2%)

\*\* Note that 2016 and 2017 offspring do not include potential year 5 and 6 offspring, and potential year 4 5 and 6 offspring, which are expected to substantially contribute to TLF for these parents years

*\*\*\** Note that there are 5 individuals sampled during spawning ground surveys above the dam and 12 precocial males sampled above the dam that were included as candidate parents. None had an offspring assigned to them and they are not presented in this table

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Source\*\*\*** | **Sex** | **N** | **TLF** | **SD** | **Range** |
| 2007 | Hatchery Outplant | F | 318 | 0.89 | 1.49 | 0 - 11 |
| 2007 | Hatchery Outplant | M | 427 | 0.72 | 1.56 | 0 - 17 |
| 2008 | Hatchery Outplant | F | 288 | 0.8 | 1.46 | 0 - 12 |
| 2008 | Hatchery Outplant | M | 585 | 0.4 | 1.03 | 0 - 9 |
| 2009 | Hatchery Outplant | F | 603 | 0.16 | 0.47 | 0 - 4 |
| 2009 | Hatchery Outplant | M | 780 | 0.13 | 0.43 | 0 - 3 |
| 2010 | Cougar Trap | F | 62 | 0.23 | 0.61 | 0 - 3 |
| 2010 | Cougar Trap | M | 189 | 0.27 | 0.66 | 0 - 4 |
| 2010 | Hatchery Outplant | F | 201 | 0.29 | 0.74 | 0 - 5 |
| 2010 | Hatchery Outplant | M | 295 | 0.13 | 0.53 | 0 - 6 |
| 2011 | Cougar Trap | F | 150 | 0.66 | 1.3 | 0 - 7 |
| 2011 | Cougar Trap | M | 235 | 0.79 | 1.67 | 0 - 9 |
| 2011 | Hatchery Outplant | F | 170 | 0.78 | 1.59 | 0 - 9 |
| 2011 | Hatchery Outplant | M | 170 | 0.29 | 0.73 | 0 - 4 |
| 2012 | Cougar Trap | F | 191 | 0.4 | 0.76 | 0 - 5 |
| 2012 | Cougar Trap | M | 326 | 0.36 | 0.78 | 0 - 5 |
| 2012 | Hatchery Outplant | F | 248 | 0.25 | 0.58 | 0 - 3 |
| 2012 | Hatchery Outplant | M | 182 | 0.18 | 0.46 | 0 - 2 |
| 2013 | Cougar Trap | F | 86 | 0.69 | 1.2 | 0 - 6 |
| 2013 | Cougar Trap | M | 101 | 0.8 | 1.38 | 0 - 8 |
| 2013 | Hatchery Outplant | F | 239 | 0.29 | 0.71 | 0 - 5 |
| 2013 | Hatchery Outplant | M | 201 | 0.22 | 0.57 | 0 - 3 |
| 2014 | Cougar Trap | F | 59 | 0.24 | 0.75 | 0 - 4 |
| 2014 | Cougar Trap | M | 94 | 0.3 | 0.73 | 0 - 3 |
| 2014 | Hatchery Outplant | F | 327 | 0.14 | 0.45 | 0 - 3 |
| 2014 | Hatchery Outplant | M | 159 | 0.23 | 0.54 | 0 - 3 |
| 2015\* | Cougar Trap | F | 53 | 0.28 | 0.91 | 0 - 6 |
| 2015\* | Cougar Trap | M | 101 | 0.29 | 0.55 | 0 - 3 |
| 2015\* | Hatchery Outplant | F | 412 | 0.12 | 0.35 | 0 - 2 |
| 2015\* | Hatchery Outplant | M | 188 | 0.17 | 0.51 | 0 - 4 |
| 2016\*\* | Cougar Trap | F | 86 | 0.33 | 0.58 | 0 - 2 |
| 2016\*\* | Cougar Trap | M | 156 | 0.42 | 1 | 0 - 8 |
| 2016\*\* | Hatchery Outplant | F | 315 | 0.31 | 0.66 | 0 - 5 |
| 2016\*\* | Hatchery Outplant | M | 144 | 0.42 | 0.93 | 0 - 6 |
| 2017\*\* | Cougar Trap | F | 45 | 0 | 0 | 0 - 0 |
| 2017\*\* | Cougar Trap | M | 112 | 0 | 0 | 0 - 0 |
| 2017\*\* | Hatchery Outplant | F | 325 | 0 | 0 | 0 - 0 |
| 2017\*\* | Hatchery Outplant | M | 123 | 0 | 0 | 0 - 0 |

**Table 6c:** Average TLF and standard deviation per parent year, source and sex.

\* Note that 2015 estimates do not include potential year 6 offspring. However we expect these offspring to contribute very little to TLF (< 2%)

\*\* Note that 2016 and 2017 offspring do not include potential year 5 and 6 offspring, and potential year 4 5 and 6 offspring, which are expected to substantially contribute to TLF for these parents years

*\*\*\** Note that there are 5 individuals sampled during spawning ground surveys above the dam and 12 precocial males sampled above the dam that were included as candidate parents. None had an offspring assigned to them and they are not presented in this table

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Sex** | **TLF HOR** | **TLF NOR** | **SD HOR** | **SD NOR** | **Range HOR** | **Range HOR** |
| 2007 | F | 0.89 |  | 1.49 |  | 0 - 11 |  |
| 2007 | M | 0.72 |  | 1.56 |  | 0 - 17 |  |
| 2008 | F | 0.8 |  | 1.46 |  | 0 - 12 |  |
| 2008 | M | 0.4 |  | 1.03 |  | 0 - 9 |  |
| 2009 | F | 0.16 |  | 0.47 |  | 0 - 4 |  |
| 2009 | M | 0.13 |  | 0.43 |  | 0 - 3 |  |
| 2010 | F | 0.29 | 0.25 | 0.73 | 0.63 | 0 - 5 | 0 - 3 |
| 2010 | M | 0.13 | 0.29 | 0.52 | 0.69 | 0 - 6 | 0 - 4 |
| 2011 | F | 0.76 | 0.68 | 1.57 | 1.33 | 0 - 9 | 0 - 7 |
| 2011 | M | 0.27 | 0.86 | 0.69 | 1.74 | 0 - 4 | 0 - 9 |
| 2012 | F | 0.25 | 0.41 | 0.58 | 0.77 | 0 - 3 | 0 - 5 |
| 2012 | M | 0.18 | 0.37 | 0.46 | 0.78 | 0 - 2 | 0 - 5 |
| 2013 | F | 0.28 | 0.75 | 0.7 | 1.25 | 0 - 5 | 0 - 6 |
| 2013 | M | 0.21 | 0.85 | 0.56 | 1.41 | 0 - 3 | 0 - 8 |
| 2014 | F | 0.14 | 0.27 | 0.45 | 0.79 | 0 - 3 | 0 - 4 |
| 2014 | M | 0.23 | 0.3 | 0.57 | 0.72 | 0 - 3 | 0 - 3 |
| 2015\* | F | 0.12 | 0.31 | 0.35 | 0.95 | 0 - 2 | 0 - 6 |
| 2015\* | M | 0.17 | 0.31 | 0.5 | 0.58 | 0 - 4 | 0 - 3 |
| 2016\*\* | F | 0.3 | 0.39 | 0.64 | 0.63 | 0 - 5 | 0 - 2 |
| 2016\*\* | M | 0.35 | 0.54 | 0.84 | 1.16 | 0 - 6 | 0 - 8 |
| 2017\*\* | F | 0 | 0 | 0 | 0 | 0 - 0 | 0 - 0 |
| 2017\*\* | M | 0 | 0 | 0 | 0 | 0 - 0 | 0 - 0 |

**Table 6d:** Average TLF and standard deviation per parent year, sex and origin.

\* Note that 2015 estimates do not include potential year 6 offspring. However we expect these offspring to contribute very little to TLF (< 2%)

\*\* Note that 2016 and 2017 offspring do not include potential year 5 and 6 offspring, and potential year 4 5 and 6 offspring, which are expected to substantially contribute to TLF for these parents years