|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 2.** Diet proportion inputs used for bioenergetics scenarios modeling. Numerical values below prey categories are energy density (J/g) estimates from literature sources. | | | | | | | | |
|  |  |  | Fish eggs | Immature aquatic Invert | Terrestrial invert | Adult aquatic Invert | Un-known invert | Salmon eggs |
|  |  | *5235 J/g,* (Beauchamp and Stewart 1989) | | 3365 J/g, *McCarthy et al. (2009)* | *5250 J/g, McCarthy et al. (2009)* | *4225 J/g, McCarthy et al. (2009)* |  | *9000 J/g,*  (Armstrong 2010) |
| **Drainage** | **Spp** | **Age** |  |  |  |  |  |  |
| Lowland (Beaver Creek) | Chnk | 0 | 0 | 0.31 | 0.47 | 0.2 | 0.02 | 0 |
| Coho | 0 | 0 | 0.44 | 0.48 | 0.06 | 0.02 | 0 |
| Coho | 1 | 0.06 | 0.35 | 0.51 | 0.08 | 0 | 0 |
| Montane (Russian River) | Chnk | 0 | 0 | 0.14 | 0.14 | 0.04 | 0.01 | 0.67 |
| Coho | 0 | 0.01 | 0.16 | 0.42 | 0.15 | 0.02 | 0.24 |
| Coho | 1 | 0.07 | 0.25 | 0.5 | 0.14 | 0.01 | 0.03 |
| Glacial (Ptar-migan Creek) | Chnk | 0 | 0 | 0.76 | 0.23 | 0.01 | 0 | 0 |
| Coho | 0 | 0 | 0.05 | 0.03 | 0.05 | 0 | 0.87 |
| Coho | 1 | 0.17 | 0.35 | 0.28 | 0.18 | 0 | 0.03 |
| Main Stem (Kenai River | Chnk | 0 | 0.05 | 0.43 | 0.3 | 0.22 | 0 | 0 |
| Coho | 0 | 0 | 0.05 | 0.26 | 0.01 | 0 | 0.69 |
| Coho | 1 | 0.09 | 0.64 | 0.08 | 0 | 0 | 0.19 |
| ”Chnk” = Chinook Salmon | | | | | | | | |