Table X. Additive genetic variation (σa), phenotypic variation (σp), and narrow-sense heritability (h2) estimates for embryo survival, incubation period (number of days post-fertilization; DPF), and incubation period (accumulated degree-days; ADD) from Lake Konnevesi (LK-Vendace (*C. albula*) and LK-Whitefish (*C. lavaretus*)), Lake Superior (­LS-Cisco (*C. artedi*)), and Lake Ontario (LO-Cisco) across each incubation temperature treatment.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Incubation Temperature Treatment (°C) | | | | | | | | | | | | | | |
|  |  | 2.0 | | |  | 4.5 | | |  | 7.0 | | |  | 9.0 | | |
| Trait | Population | σa | σp | h2 |  | σa | σp | h2 |  | σa | σp | h2 |  | σa | σp | h2 |
| Embryo Survival | LK-Vendace | 0.00 | 0.02 | **0.17** |  | 0.00 | 0.02 | **0.00** |  | 0.00 | 0.02 | **0.60** |  | 0.01 | 0.03 | **0.88** |
| LK-Whitefish | 0.00 | 0.06 | **0.00** |  | 0.01 | 0.04 | **0.69** |  | 0.00 | 0.04 | **0.04** |  | 0.01 | 0.04 | **0.62** |
| LS-Cisco | 0.00 | 0.03 | **0.00** |  | 0.00 | 0.06 | **0.00** |  | 0.00 | 0.07 | **0.00** |  | 0.00 | 0.04 | **0.00** |
| LO-Cisco | 0.00 | 0.00 | **0.00** |  | 0.00 | 0.00 | **0.00** |  | 0.00 | 0.00 | **0.00** |  | 0.00 | 0.05 | **0.31** |
| Incubation Period (DPF) | LK-Vendace | 0.86 | 8.78 | **0.36** |  | 23.27 | 180.40 | **0.46** |  | 0.73 | 54.89 | **0.05** |  | 0.00 | 64.05 | **0.00** |
| LK-Whitefish | 12.95 | 43.76 | **0.91** |  | 1.98 | 90.01 | **0.09** |  | 0.00 | 56.54 | **0.00** |  | 0.00 | 6.85 | **0.00** |
| LS-Cisco | 0.00 | 622.92 | **0.00** |  | 0.00 | 185.12 | **0.00** |  | 0.00 | 59.19 | **0.00** |  | 0.00 | 42.55 | **0.00** |
| LO-Cisco | 15.54 | 130.97 | **0.42** |  | 16.04 | 80.81 | **0.66** |  | 3.39 | 28.32 | **0.43** |  | 0.44 | 11.26 | **0.15** |
| Incubation Period (ADD) | LK-Vendace | 27.94 | 199.59 | **0.49** |  | 488.87 | 3894.11 | **0.45** |  | 39.42 | 2901.61 | **0.05** |  | 0.00 | 4083.98 | **0.00** |
| LK-Whitefish | 116.36 | 386.73 | **0.93** |  | 54.21 | 1665.47 | **0.13** |  | 0.00 | 2929.18 | **0.00** |  | 0.00 | 422.30 | **0.00** |
| LS-Cisco | 2.21 | 2224.36 | **0.00** |  | 0.00 | 3463.46 | **0.00** |  | 0.00 | 2781.21 | **0.00** |  | 0.00 | 3305.64 | **0.00** |
| LO-Cisco | 54.01 | 417.97 | **0.46** |  | 300.37 | 1506.16 | **0.67** |  | 157.86 | 1322.67 | **0.43** |  | 33.88 | 869.08 | **0.15** |