**Title: Realized thermal niche approach eliminates temperature bias in bioenergetic model estimates**

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Temperatures used in Fish Bioenergetics 4 software for modelling growth of Lake trout (a) and Chinook salmon (b) in Lake Ontario.

(a) (b)

|  |  |
| --- | --- |
| **Day** | **Present** |
| **1 (Apr. 1)** | 3.45 |
| **30** | 4.26 |
| **60** | 6.77 |
| **90** | 7.74 |
| **120** | 6.76 |
| **150** | 6.2 |
| **180** | 7.94 |
| **210** | 10.64 |
| **240** | 8.16 |
| **270** | 5.38 |
| **300** | 2.33 |
| **330** | 1.79 |
| **365** | 3.63 |

|  |  |
| --- | --- |
| **Day** | **Present** |
| **1 (Sept. 1)** | 15.07 |
| **30** | 14.56 |
| **60** | 11.23 |
| **90** | 8.17 |
| **120** | 6.14 |
| **150** | 4.59 |
| **180** | 3.81 |
| **210** | 3.93 |
| **240** | 5.46 |
| **270** | 10.89 |
| **300** | 12.02 |
| **330** | 13.25 |
| **365** | 15.05 |