**Metabolic depression and the evolution of hypoxia tolerance in**

**threespine stickleback, *Gasterosteus aculeatus***

MATTHEW D. REGAN, IVAN S. GILL, JEFFREY G. RICHARDS

**ESM Table S1**

**Table S1.** Characteristics of Alta Lake and Trout Lake. Data provided by aWhistler Museum, bBritish Columbia Ministry of Environment, cJacques Whitford/AXYS Environmental Consultants, and dSeth Rudman.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Days frozen | Elevation | Surface area | Average depth | Maximum depth | Surface pH | Surface conductivity | Fish species |
| Alta Lake | 128a | 602b | 995600b | 9.5b | 24.4b | 6.5 – 7.7c | 89c | *O. clarkii*b*O. ourkiss*b*C. asper*b |
| Trout Lake | 0 | 157b | 75600b | 5.8b | 17.4b | - | 75d | *O. clarkii*b |

Days frozen in mean d y-1 since 1942; elevation in m; surface area in m2; depth in m; conductivity in Siemens m-1; fish species (*Oncorhynchus clarkii*, cutthroat trout; *Oncorhynchus ourkiss*, rainbow trout; *Cottus asper*, prickly sculpin) in addition to stickleback observed over past ten years.