**Table S2.**  Paired t-test results of photochemical efficiency and other physiological parameters in 2014RTE. *p*-values in boldface highlight the significant differences between times

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Parameters |  |  | WLT-OL transfer | IL-OL transfer | native OL |
|  | *t* | *df* | *p* | *t* | *df* | *p* | *t* | *df* | *p* |
| Photochemical efficiency (Fv/Fm) |  |  |  |  |  |  |  |  |  |
|  April vs. July | 16.01  | 4 | **< 0.001** | 12 | 4 | **< 0.001** | 25.63 | 4 | **< 0.001** |
|  April vs. September | 4.33  | 4 | **0.012**  | 23.83 | 4 | **< 0.001** | 17.64 | 4 | **< 0.001** |
| Total symbiont density (cell cm-2) |  |  |  |  |  |  |  |  |  |
|  April vs. September | 10.20  | 4 | **< 0.001** | 8.58 | 4 | **0.001** | -1.33 | 4 | 0.255 |
| Chlorophyll *a* (μg cm-2) |  |  |  |  |  |  |  |  |  |
|  April vs. September | 5.65  | 4 | **0.005**  | 2.67 | 4 | 0.06 | 1.17 | 4 | 0.306 |
| Total soluble protein (mg cm-2) |  |  |  |  |  |  |  |  |  |
|  April vs. September | 7.10  | 4 | **0.002**  | 10.42  | 4 | **< 0.001** | 7.40  | 4 | **0.002**  |