**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** |