## phys\_table

|  | Inner Shelf | | Outer Shelf | |
| --- | --- | --- | --- | --- |
|  | *C. closterium UGA8* | *G. oceanica* | *C. closterium UGA4* | *G. huxleyi* |
| **Growth Rate (day-1)** | | | | |
| High Iron | 1.7 ± 0.3 | 0.9 ± 0.08 | -- | 0.7 ± 0.013 |
| Low Iron | 1 ± 0.14 | 0.23 ± 0.052 | 0.61 ± 0.041 | 0.47 ± 0.063 |
| Iron amendment | -- | -- | -- | -- |
| **Chl a (µg/L)** | | | | |
| High Iron | 1.1 ± 0.22 | 0.47 ± 0.08 | -- | 0.33 ± 0.037 |
| Low Iron | 0.37 ± NA | 0.047 ± 0.016 | 0.23 ± NA | 0.073 ± 0.016 |
| Iron amendment | -- | -- | -- | -- |
| **Fv/Fm** | | | | |
| High Iron | 0.43 ± 0.075 | 0.45 ± 0.011 | -- | 0.43 ± 0.0017 |
| Low Iron | 0.47 ± 0.019 | 0.26 ± 0.047 | 0.44 ± 0.0087 | 0.24 ± 0.036 |
| Iron amendment | 0.55 ± 0.022 | 0.39 ± 0.026 | 0.45 ± 0.0064 | 0.41 ± 0.011 |
| **τQA** | | | | |
| High Iron | 1400 ± 390 | 1600 ± 61 | -- | 1300 ± 98 |
| Low Iron | 1600 ± 320 | 5200 ± 720 | 1700 ± 88 | 15000 ± 2300 |
| Iron amendment | 1100 ± 74 | 1600 ± 350 | 1500 ± 41 | 3500 ± 860 |

## hist\_phys

|  | Inner Shelf | | Outer Shelf | |
| --- | --- | --- | --- | --- |
|  | *C. closterium UGA8* | *G. oceanica* | *C. closterium UGA4* | *G. huxleyi* |
| **Growth Rate (day-1)** | | | | |
| High | 1.3 ± 0.45 | 0.97 ± 0.18 | 1.1 ± 0.36 | 0.82 ± 0.1 |
| Low | 0.58 ± 0.31 | 0.63 ± 0.2 | 0.54 ± 0.17 | 0.7 ± 0.18 |
| **Fv/Fm** | | | | |
| High | 0.38 ± 0.12 | 0.43 ± 0.11 | 0.39 ± 0.098 | 0.47 ± 0.011 |
| Low | 0.37 ± 0.079 | 0.29 ± 0.065 | 0.4 ± 0.1 | 0.3 ± 0.071 |
| **τQA** | | | | |
| High | 3200 ± 5700 | 1600 ± 470 | 1100 ± 500 | 1600 ± 410 |
| Low | 4000 ± 6600 | 2800 ± 1500 | 1700 ± 1200 | 10000 ± 4600 |