

Table 2. Photosynthetic characteristics of nutrient-replete and nutrient-deprived cultures. Values are means, with standard deviations in parentheses. n = sample size. Energy storage capacities were determined by photoacoustic measurements of energy storage as described in 'Materials and methods'

	O ₂ evolution (μ mole/mg Chl/h)	total energy storage capacity (630nm, no DCMU)	PS I energy storage capacity (630 nm + DCMU)	PS I energy storage capacity (700 nm + DCMU)
Control	276 n=1	139 (40.0) n=6	6.6 (1.5) n=6	5.9 (1.4) n = 4
48-P	171.6 (0.7) n=3	32.6 (17.3) n=5	6.2 (0.8) n=5	5.4 (0.7) n = 5
48-S	24.6 (0.2) n=3	11.9 (4.9) n=5	6.3 (2.2) n=5	5.9 (1.2) n = 5