



Term	Definition	Indication
F	Chlorophyll fluorescence (arbitrary unit)	Presence of chlorophyll
F_m	Maximum fluorescence (arbitrary unit)	Chl a content
F_0	Minimum fluorescence (arbitrary unit)	–
F_v	Variable fluorescence $F_m - F_0$ (arbitrary unit)	Presence of functional chlorophyll indicating the presence of symbionts
F_v/F_m	Potential photochemical efficiency (dimensionless)	Photosynthetic activity indicating vitality of symbionts
σ_{PSII}	Functional absorption cross section of PSII photochemistry ($\times 10^{-20} \text{ m}^2 \text{ quanta}^{-1} / \text{\AA}^2 \text{ quanta}^{-1}$)	Light absorption efficiency