

Table 1. Percentage of chlorophyll associated with the different photosystems^a

Chlorophyll (%)							Excess quanta captured by PSI (%)
PSI α	PSII α	PSI β	PSII β	PSI	PSII	PSI-PSII	PSI-PSII
26.3	37.7	32.4	3.6	58.7	41.3	17.4	18.0
<p>^aMore chlorophyll is associated with photosystem I (PSI) than with photosystem II (PSII). The chlorophyll associated with the different photosystems has been determined from the quantitative separation of grana-vesicles (α-vesicles) and stroma + end membrane vesicles (β-vesicles) from spinach chloroplasts^{7,8}. The values showing the excess quanta absorbed by PSI have been derived from the analysis of the absorption spectra of the separated fractions⁷.</p>							