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Turkish Journal	The Effect of Glycinebetaine on the Heat Stability of Photosynthetic Reactions in Thylakoid Membranes
of	
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	Abstract: Heat inactivation of various photosynthetic electron transport reactions were investigated in the presence/absence of glycinebetaine (betaine) in unstacked thylakoid membranes from spinach. The activity of Photosystem II (PS II) is more sensitive to heat than that of Cytochrome bf (cyt.bf) and
0	electron transfer by betaine under high temperatures. The phenomena observed are probably related to the stabilization of the higher-order structures of PS II and PS I by betaine.
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