

Table III. Subcellular Levels of Metabolites in Wheat Protoplasts during A Transition from Saturating to Limiting CO₂

The samples were prepared by silicone oil centrifugation during the experiment shown in Figure 5, and were analyzed by anion exchange chromatography.

Compartment	Metabolite	Amount		
		High CO ₂	Low CO ₂	
			25 s	5 min
<i>nmol/mg Chl</i>				
Chloroplast	HexoseP	33	20	30
	SBP	8	4	3
	FBP	32	12	14
	TrioseP	19	12	10
	PGA	63	33	32
	RuBP	19	19	29
	Glycolate	4	8	17
Extrachloroplast	UDPGlc	37	22	16
	HexoseP	165	111	108
	FBP	7	2	4
	TrioseP	71	33	42
	PGA	32	21	20
	Glycolate	30	81	190
	Esterified P _i	366	223	210