Table 1 CO_2/O_2 specificity values[a] for Rubisco enzymes isolated from diverse species of the plant kingdom

Species	$(V_c K_o / V_o K_c)$
Photosynthetic bacteria	
Rhodopseudomonas sphaeroides[b]	9
Rhodospirillum rubrum	15
Rhodopseudomonas sphaeroides[c]	62
Cyanobacteria	
Cocochloris peniocystis	47
Aphanizomenon flos-aquae	48
Aphanocopsa alpicola	48
Plectonema boryanum	54
Euglena gracilis	54
Green algae	
Chlamydomonas reinhardii	61
Scenedesmus obliquus	63
C_3 plants	
Nicotiana tabacum	77
Medicago sativa	77
Petroselinum cripsum	77
Helianthus maximus	77
Lolium perenne	80
Spinacea oleracea	80
Tetragonium expansa	81
Polypodium aureum	82
Lycopersicon esculentum	82
Glycine max	82
C_3-C_4 intermediate plant	
Panicum milioides	76
C_4 plants	
Echinochloa crus-galli	83
Amaranthus hybridus	82
Zea mays	78
Portulaca oleracea	78
Sorghum bicolor	70
Setaria italica	58

[a]Values obtained from (55, 56).
[b]Single subunit-type enzyme.
[c]Large and small subunit-type enzyme.

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