ABBREVIATIONS USED

ADP  Adenosine diphosphate
AMPSO  3-[(1,1-dimethyl-2-hydroxyethyl) amino]-2-hydroxy triphosphate
ATP  Adenosine triphosphate
CAPS  3-(cyclohexyl amino)-1-propane sulfonic acid
CAPSO  3-(cyclohexyl amino)-2-hydroxy propane sulfonic acid
CCCP  Carbonyl cyanide-m-chlorophenyl hydrazine
DCCD  Dicyclohexyl carbodiimide
DCMU  3-(3,4-dichlorophenyl)-1, 1-dimethyl urea
EDTA  Ethylene diamine tetraacetic acid
× g  multiples of gravitational constant
GOGAT  Glutamine-oxo-glutamate amino transferase (glutamate synthase)
GS  Glutamine synthetase
HEPEs  N-2-hydroxyethyl piperazine-N’-ethane sulfonic acid
het  Genes coding for heterocyst formation
MSX  L-methionine-DL-Sulfoximine
NADH  Nicotinamide adenine dinucleotide (reduced)
nia  Genes coding for nitrate assimilation
nif  Genes coding for the conventional nitrogen fixation
ntr  Genes coding for overall nitrogen regulatory system
PS-I  Photosystem I
PS-II  Photosystem-II
Rubisco  Ribulose-1, 6-bis-phosphate carboxylase
Tris  Tris-(hydroxymethyl) amino methane
v/v  Per cent ‘volume in volume’ number of cm³ of a constituent of 100 cm³
w/v  Per cent ‘weight in volume’ number of grams of constituent in 100 cm³ of solution