



PHOTOSYNTHESIS

photosynthesis

chloroplast

chlorophyll

pigment

carotene

electromagnetic spectrum

visible light

wavelength

light-dependent reactions

light-independent reactions

thylakoid

grana

stroma

photosystem (pigment system)

electron acceptor molecule

electron transport system

radiant energy

NADPH

carbon dioxide

glucose

Photosynthesis

ATP synthase

Calvin cycle

Carbon fixation

Chloroplast

Crassulacean acid metabolism

Glyceraldehyde 3-phosphate

Leaf

Light-harvesting complex

Nicotinamide adenine dinucleotide

P680

P700

Photorespiration

Ribulose-1,5-bisphosphate

RuBisCO

Stoma

Reduction

Oxidation

C4 photosynthesis