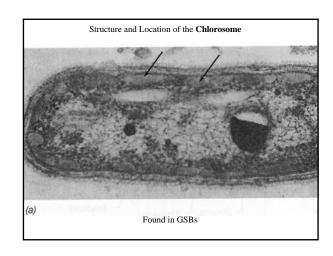
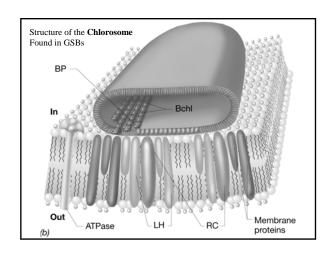
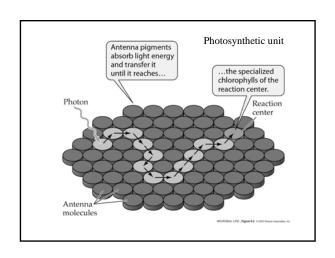
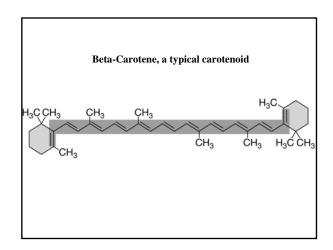


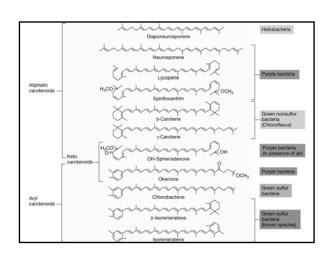
	Nonsulfur Purple Bacteria	Purple Sulfur Bacteria	Green Sulfur Bacteria	Cyano- bacteria	Helio- bacteria
Source of reducing power (e ⁻)	H ₂ , reduced organic	H ₂ S	H ₂ S	H ₂ O	Lactate, organic
Oxidized product	Oxidized organic	SO ₄ ²⁻	SO ₄ ²⁻	O ₂	Oxidized organic
Source of carbon	CO ₂ or organic	CO ₂	CO ₂	CO ₂	Lactate pyruvate
Heterotrophic growth	Common	Limited	Limited ^a	Limited	Required











	Electron Donor	Electron Acceptor
Purple nonsulfur bacteria	Bacteriochlorophyll a and b	Bacteriopheophytin a , Q_A , and Q_B
Green sulfur bacteria	Bacteriochlorophyll c, d, and e	Bacteriopheophytin a and FeS-protein
Cyanobacteria photosystem I	Chlorophyll a	Chlorophyll a and FeS-protein
Cyanobacteria photosystem II	Chlorophyll a	Pheophytin a, Q _A , Q _B , and plastoquinones
Heliobacteria	Bacteriochlorophyll g	Bacteriochlorophyll c and FeS-protei

