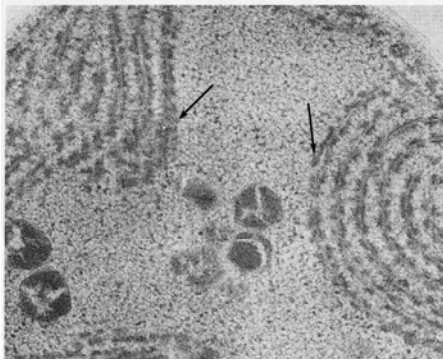


Table 9.2 The bacteriochlorophyll present in photosynthetic bacteria and primary acceptors involved in energy conserving reactions

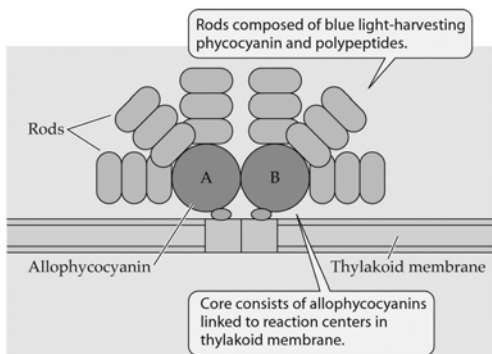
	Electron Donor	Electron Acceptor
Purple nonsulfur bacteria	Bacteriochlorophyll <i>a</i> and <i>b</i>	Bacteriopheophytin <i>a</i> , Q _A , and Q _B
Green sulfur bacteria	Bacteriochlorophyll <i>c</i> , <i>d</i> , and <i>e</i>	Bacteriopheophytin <i>a</i> and FeS-protein
Cyanobacteria photosystem I	Chlorophyll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

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Structure and Location of **Phycobilisomes**



Phycobilisome of cyanobacteria



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