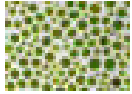









Pigment composition of important algae classes

spectral class	Green algae	Green algae	Blue-green "algae" blue type	Blue-green "algae" red- type	"Brown" class			Mixed type
	Chlorophyceae Prasinophyceae	<i>Euglena</i> / Euglenopyceae	<i>Microcystis</i> / Cyanophyceae	<i>Planktothrix rubescence</i> / Cyanophyceae	<i>Synura</i> Chrysophyceae	Diatoms Bacillariophyceae	Dinophyceae Dinoflagellates	Cryptophytae/ <i>Cryptomonas</i>
Pigments								
Chlorophylls								
Chlorophyll-a	●	●	●	●	●	●	●	●
Chlorophyll-b	●	●						
Chlorophyll-c					●	●	●	●
Phycobilines								
Phycocyanine			●	●				●
Phycoerythrine			●	●				●
Carotins								
β-Carotin	●	●	●	●	●	●	●	●
Xanthophylls								
Diadinoxanthin		●			●	●	●	
Fucoxanthin					●	●	●	
Lutein	●			●				
Peridinin							●	
Alloxanthin								●
Zeaxanthin	●	●	●	●	●			