

Distribution of all the pigments as listed at 2			OTHER PIGMENTS		
Found in Division	GREEN PIGMENTS	as they are	OTHER PIGMENTS	SEXUALITY	CELL STRUCTURE
1. Chlorophyta	Chlorophyll a & b	"	B-Carotene and xantho- phyll	Isogamy & oogamy	Eukaryotic
2. Charophyta	"	"	B-Carotene xanthophylls anthocyanin	oogamy	"
3. Euglenophyta	"	"	B-Carotene xanthophylls	rarely sexual (Isogamy)	Quaker present
4. Chrysophyta	Chlorophyll a	"	"	"	Eukaryotic
5. Xanthophyta	Chlorophyll a, c	"	"	Isogamy, anisogamy	"
6. Bacillariophyta (Diatoms)	Chlorophyll a, c	"	B-Carotene, c-Carotene xanthophylls (fucoxanthin)	rare if present oog- amously in Vaucheria	"
7. Rhizophyta	"	"	B-Carotene, xanthophylls	Isogamy & oogamy & autogamy	"
8. Rhodophyta	Chlorophyll a, d	"	r-phycocyanin, r-phyco- erythrin, a & B-Carotene xanthophylls	Isogamy & oogamy	"
9. Cyanophyta	Chlorophyll a	"	Alue - c-phycoerythrin red c-phycoerythrin B-Carotene, myxoxanthin & myxoxanthophyll	Advanced & complex organisms	"
				Myxophyceae	Prokaryotic
				Starch & Cyan- -phydin	absent