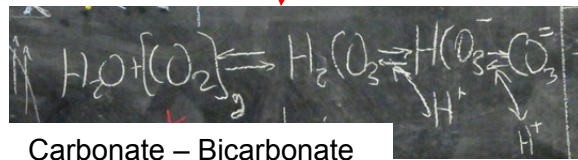
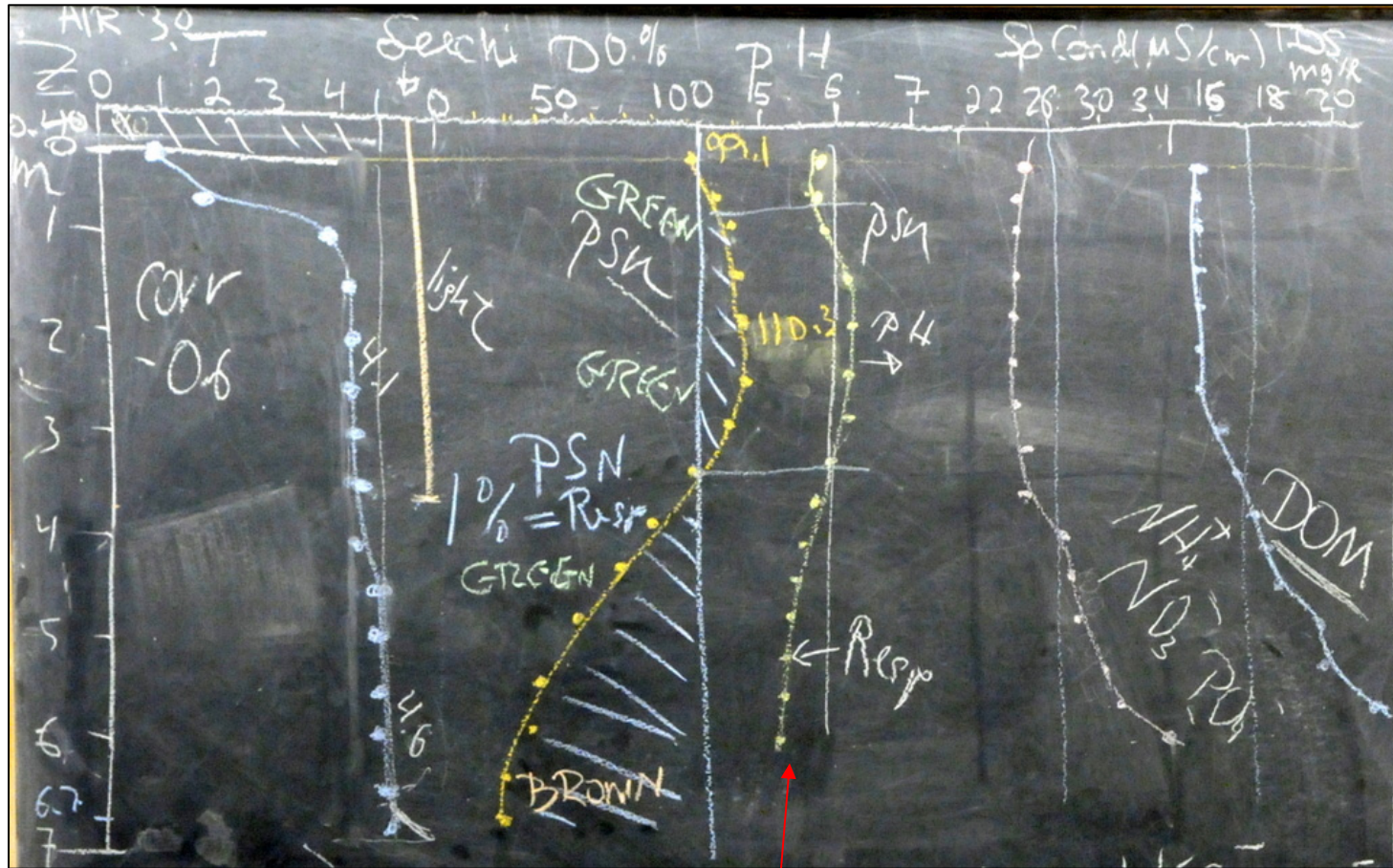
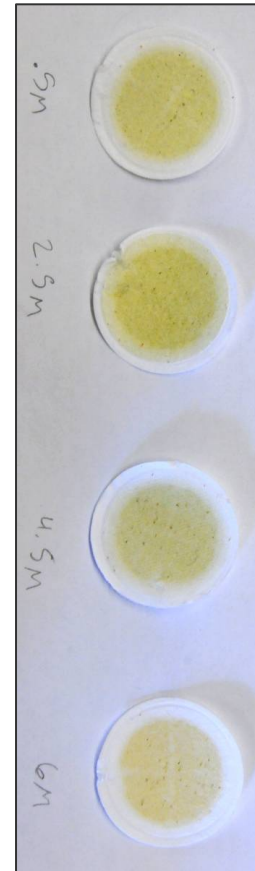


Gold Lake — 2011 Winter Profiles



Carbonate – Bicarbonate Equilibrium Reactions



Biota	Biota Water Sampling Method
0.5m Cosmarium Anabaena Staurastrum Cryptophyte	1-gal lake H ₂ O 10µm net filter to 125ml Glass fiber filter + 5ml
2.5m Anabaena (cyanobacteria) Cosmarium Staurastrum filamentous Chlorophyte	
4.5m Cosmarium (desmid) Staurastrum Aulacoseira (diatom filament) Cryptophyta (flagellate) Copepods w/ Daphnia	
6.0m Cosmarium Staurastrum	
Sediment Chlorophytes Cryptophyte	decomp DD Daphnia

† Pinnularia
pine pollen
† Fragilaria crotonensis
† Aulacoseira
DIATOMS

† Dead algae in sediment sample