

Group	Baking Soda (+/-)	Light Intensity (Watts)	Distance (cm)	Color of light	Individual floating times (time in minutes for a leaf disk to float after being exposed to light)						Ave. Floating Time
1	+	100	20	White	2.3	2.4	2.5	3.0	5.6	6.0	
2*	-	100	20	White	8.0	8.2	8.8	9.2	9.7	10	
3	+	75	20	White	5.4	5.6	5.7	6.0	6.2	6.5	
4	+	50	20	White	5.8	6.0	6.2	6.6	6.8	7.2	
5	+	100	40	White	3.8	4.2	4.4	5.4	5.8	6.4	
6	+	100	60	White	5.5	5.8	6.2	6.6	6.8	7.0	
7	+	100	20	Green	5.9	6.1	6.2	6.6	6.7	6.8	
8	+	100	20	Red	2.9	3.2	3.6	4.4	5.5	5.5	

*This data column represents the control in this experiment. Because we are testing a terrestrial plant the baking soda is used to provide a source of carbon for the leaf disks.