Phytoplankton Sample Analysis

Sample: Klamath Basin
Sample Site: KR 9060 CRCC
Sample Depth:
Sample Date: 8-Jun-09

Total Density (#/mL): 1,757
Total Biovolume (um^3/mL): 1,934,798
Trophic State Index: 54.6

	Species	Density #/mL	Density Percent	Biovolume um^3/mL	Biovolume Percent
1	Stephanodiscus hantzschii	541	30.8	71,438	3.7
2	Anabaena flos-aquae	188	10.7	1,019,824	52.7
3	Ankistrodesmus falcatus	135	7.7	3,383	0.2
4	Cryptomonas erosa	105	6.0	54,721	2.8
5	Fragilaria vaucheriae	90	5.1	38,966	2.0
6	Melosira granulata	90	5.1	362,153	18.7
7	Fragilaria construens	60	3.4	80,819	4.2
8	Nitzschia frustulum	45	2.6	5,412	0.3
9	Chlamydomonas sp.	45	2.6	14,658	0.8
10	Cyclotella pseudostelligera	45	2.6	2,932	0.2
11	Rhodomonas minuta	45	2.6	902	0.0
12	Cocconeis placentula	45	2.6	20,746	1.1
13	Nitzschia acicularis	45	2.6	12,628	0.7
14	Melosira varians	30	1.7	39,087	2.0
15	Cyclotella meneghiniana	30	1.7	11,425	0.6
16	Cyclotella stelligera	30	1.7	1,654	0.1
17	Nitzschia palea	30	1.7	5,412	0.3
18	Nitzschia amphibia	30	1.7	2,886	0.1
19	Rhoicosphenia curvata	30	1.7	3,518	0.2
20	Gomphoneis herculeana	15	0.9	81,180	4.2
21	Selenastrum minutum	15	0.9	301	0.0
22	Fragilaria construens venter	15	0.9	2,886	0.1
23	Gomphonema subclavatum	15	0.9	9,020	0.5
24	Fragilaria capucina mesolepta	15	0.9	76,670	4.0
25	Achnanthes lanceolata	15	0.9	2,706	0.1
26	Aphanizomenon flos-aquae	6	0.3	9,471	0.5

Anabaena flos-aquae cells/mL = 15,221
Anabaena flos-aquae heterocysts/mL = 1,143

Aphanizomenon flos-aquae cells/mL = 150
Aphanizomenon flos-aquae heterocysts/mL = 30