

Table 12. Biovolumes of algal taxa collected from 11 sites in the North Umpqua River Basin, Oregon, July 2005

[Refer to table 1 for an explanation of site acronyms and associated station identification numbers. Taxon biovolumes are reported in thousand cubic micrometers per square centimeter. NURCR1 and NURCR2 are replicate samples.]

Algal taxon	Site and sampling date											
	NURCR1 7/28/2005	NURCR2 7/28/2005	NUBWC 7/27/2005	NUSTM 7/27/2005	STEAM 7/28/2005	COPEG 7/27/2005	BSODA 7/27/2005	LEM1G 7/26/2005	TOKET 7/29/2005	TOKLKI 7/26/2005	INLET 7/25/2005	LAKEM 7/26/2005
Cyanophyta (blue-green algae)												
<i>Calothrix</i> sp.	67.0	83.1	318.4	163.8	86.9	0	25.7	234.8	749.4	425.0	42.0	0
<i>Chamaesiphon incrustans</i> Grunow	0	0	0	19.5	15.5	0	0	753.2	0	0	0	931.4
<i>Homoeothrix juliana</i> (Meneghini) Kirchner	0	4,806.2	58.5	250.8	678.4	0	0	0	0	0	0	0
<i>Homoeothrix varians</i> Geitler	763.6	0	891.4	1,610.3	711.7	359.2	166.7	0	1,049.1	1,730.0	233.6	549.3
<i>Nostoc punctiforme</i> (Kützing) Hariot	43.9	47.2	600.9	21.5	17.1	157.1	116.3	61.5	333.9	2,098.0	14.7	15.1
<i>Phormidium autumnale</i> (Agardh) Gomont	25.1	41.5	0	0	16.3	32.1	0	439.9	0	53.1	99.7	604.8
<i>Tolypothrix</i> sp.	5.0	8.2	19.0	16.3	6.5	0	0	35.0	0	21.1	0	0
Unknown Cyanophyta (colonial coccoid)	0	0	0	0	0	0	0	0	0	0	1,542.9	0
Unknown Cyanophyta colony	0	0	0	0	0	0	0	0	0	0	9.7	10.8
Chlorophyta (green algae)												
<i>Ankistrodesmus falcatus</i> (Corda) Ralfs	0	0	0	0	0	15.7	0	0	0	0	0	0
<i>Cladophora glomerata</i> (Linnaeus) Kützing	0	0	0	0	0	0	0	4,254,822.9	0	7,702,532.2	0	1,392,656.6
<i>Closterium moniliferum</i> Ehrenberg	0	0	0	0	0	0	0	0	110,866.3	0	0	0
<i>Kirchneriella lunaris</i> (Kirchner) Moebius	0	0	0	0	0	0	0.6	0	0	0	0	0
<i>Oedogonium</i> sp.	0	0	0	0	0	0	4,116.2	50,078.4	0	15,109.5	0	0
<i>Scenedesmus quadricauda</i> (Turpin) Brébisson	0	0	0	0	9.3	0	0	0	0	0	0	0
<i>Scenedesmus ecornis</i> (Ralfs) Chodat	0	4.6	0	0	0	0	0	0	0	0	0	0
<i>Spirogyra</i> sp.	0	13,307.4	0	0	0	0	0	0	72,039.4	0	0	0
<i>Staurastrum punctulatum</i> Brébisson	0	0	0	0	3,815.6	0	0	0	0	0	0	0
<i>Stigeoclonium lubricum</i> (Dillwyn) Kützing	0	64.9	1,193.9	0	0	0	0	0	0	996.1	0	0
<i>Zygnema</i> sp.	0	0	0	0	0	0	488,569.4	0	0	0	33,238.3	0
Unknown Chlorophyta sp. 1 ANS OZRK	327.3	135.2	932.7	266.6	212.1	278.7	0	0	731.8	0	0	0

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Chrysophyta (golden algae)												
<i>Tribonema ulotrichoides</i> Pascher	0	0	0	0	0	0	0	0	758.9	0	0	0
Rhodophyta (red algae)												
Unknown Rhodophyta Florideophycidae (chantransia)	0	0	0	0	0	304.9	0	0	960.7	0	0	0
Bacillariophyta (diatoms)												
<i>Achnanthes calcar</i> Cleve	0	0	0	0	0	0	0	912.2	0	0	278.3	0
<i>Achnanthes conspicua</i> Mayer	0	2.5	0	0	0	0	1.1	0	0	0	0	0
<i>Achnanthes lanceolata</i> var. <i>lanceolatoidea</i> (Sovereign) Reimer	0	0	0	0	0	0	0	0	0	0	0	313.8
<i>Achnanthes nodosa</i> Cleve	0	0	0	0	0	0	0	0	0	11.8	0	0
<i>Achnanthidium exiguum</i> (Grunow) Czarnecki	2.4	0	0	0	0	0	0	0	0	0	0	0
<i>Achnanthidium minutissimum</i> (Kützing) Czarnecki	129.1	83.5	316.8	69.1	389.8	6.5	8.0	1,616.0	369.4	332.7	10.7	556.0
<i>Achnanthidium</i> sp. 10 NAWQA MP	3.5	3.8	18.6	7.6	50.3	0	0	96.6	0	0	1.6	199.5
<i>Amphora inariensis</i> Krammer	0	0	0	0	0	0	0	0	105.1	0	3.4	0
<i>Amphora pediculus</i> (Kützing) Grunow	0	0	7.6	0	0	3.4	2.0	119.0	0	25.2	10.1	20.5
<i>Asterionella formosa</i> Hassal	0	0	0	18.6	0	0	8.0	1,180.3	0	350.0	0	40.6
<i>Aulacoseira alpigena</i> (Grunow) Krammer	0	0	0	0	0	0	0	131.5	0	0	5.9	37.7
<i>Aulacoseira ambigua</i> (Grunow) Simonsen	0	0	0	0	0	12.6	0	0	0	232.0	0	0
<i>Caloneis bacillum</i> (Grunow) Cleve	0	0	0	0	0	16.7	0	0	307.8	0	0	0
<i>Caloneis hyalina</i> Hustedt	31.1	16.9	0	0	0	0	0	432.6	0	0	29.3	0
<i>Cocconeis disculus</i> (Schumann) Cleve	0	0	0	0	0	0	0	0	0	0	80.5	0
<i>Cocconeis neodiminuta</i> Krammer	0	14.8	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis pediculus</i> Ehrenberg	466.1	253.8	0	170.7	0	0	183.0	2,161.3	0	0	0	0

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Bacillariophyta (diatoms, cont.)												
<i>Cocconeis placentula</i> var. <i>lineata</i> (Ehrenberg) Van Heurck	204.0	416.5	455.2	728.4	575.0	3,141.8	1,970.2	4,966.4	8,663.8	12,922.5	481.1	2,441.1
<i>Cocconeis placentula</i> var. <i>pseudolineata</i> Geitler	984.2	842.1	3,387.9	2,008.1	679.3	421.8	529.9	5,867.5	4,672.9	8,698.8	596.8	3,869.4
<i>Cocconeis rugosa</i> Sovereign	106.4	29.0	0	0	0	0	50.1	2,959.6	0	470.1	0	0
<i>Cyclotella meneghiniana</i> Kützing	36.3	19.7	0	0	58.4	0	0	0	0	0	0	0
<i>Cymbella cistula</i> (Ehrenberg) Kirchner	0	0	0	0	0	0	0	0	0	0	0	253.8
<i>Cymbella mesiana</i> Cholnoky	5,095.5	2,640.1	1,760.3	180.6	0	0	116.1	2,286.5	0	0	77.5	0
<i>Cymbella mexicana</i> (Ehrenberg) Cleve	3,910.5	3,193.7	6,979.7	2,148.1	6,298.1	0	2,302.8	0	0	0	0	0
<i>Cymbella</i> sp. 1 JCK	688.1	0	3,684.3	2,834.7	16,622.3	0	0	0	0	0	0	823.3
<i>Diatoma mesodon</i> (Ehrenberg) Kützing	0	0	0	0	0	0	0	3,615.8	274.3	0	542.9	177.7
<i>Diatoma vulgare</i> Bory	0	74.1	0	448.9	658.0	0	0	1,894.4	0	3,611.0	0	0
<i>Encyonema auerswaldii</i> Rabenhorst	0	0	0	0	0	18.6	0	0	688.1	0	0	0
<i>Encyonema lunatum</i> (Smith) Van Heurck	0	0	0	0	0	0	38.4	0	0	0	0	1,169.2
<i>Encyonema minutum</i> (Hilse) Mann	44.6	29.1	111.5	0	574.8	0	0	0	0	0	0	85.4
<i>Encyonema silesiacum</i> (Bleisch) Mann	0	0	0	0	46.5	28.9	10.2	0	533.4	0	0	898.7
<i>Encyonema sinicum</i> Krammer	0	0	0	89.5	0	0	0	0	0	0	0	0
<i>Epithemia adnata</i> (Kützing) Brébisson	443.9	207.2	226.4	0	102.1	76.1	0	0	0	747.4	0	0
<i>Epithemia goeppertiana</i> Hilse	0	0	0	0	0	148.0	0	0	0	0	0	0
<i>Epithemia sorex</i> Kützing	1,018.8	469.4	1,958.3	1,722.0	1,514.6	0	73.8	0	0	0	184.8	0
<i>Epithemia turgida</i> var. <i>westermanni</i> (Ehrenberg) Grunow	33,076.2	20,009.8	96,206.7	28,262.9	82,865.5	43,121.7	6,925.2	34,081.9	117,619.7	83,009.8	4,044.4	23,452.6
<i>Eunotia incisa</i> Smith ex Gregory	0	0	0	0	0	0	0	0	127.7	0	0	0
<i>Eunotia minor</i> (Kützing) Grunow	23.2	0	0	0	0	0	0	0	0	136.7	21.9	0
<i>Fragilaria capucina</i> Desmazières	0	0	0	0	0	0	0	0	0	46.1	14.8	0
<i>Fragilaria capucina</i> var. <i>gracilis</i> (Østrup) Hustedt	0	0	0	0	0	0	0	331.6	88.0	46.8	0	0

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Bacillariophyta (diatoms, cont.)												
<i>Fragilaria capucina</i> var. <i>mesolepta</i> Rabenhorst	0	0	0	0	0	0	0	421.3	0	0	0	0
<i>Fragilaria capucina</i> var. <i>rumpens</i> (Kützing) Lange-Bertalot	0	0	0	0	0	0	0	129.0	205.5	27.3	0	0
<i>Fragilaria crotonensis</i> Kitton	56.1	20.4	267.2	61.7	30.1	0	48.5	1,301.5	0	220.5	0	761.2
<i>Fragilaria leptostauron</i> var. <i>rhomboides</i> Grunow	0	0	0	0	0	0	0	0	0	0	106.5	0
<i>Fragilaria microstriata</i> Marciniak	14.7	6.4	10.5	16.2	0	5.9	10.4	327.9	87.0	17.4	0	77.6
<i>Fragilaria nitzschoides</i> Grunow	0	0	0	0	0	0	0	0	2,336.6	0	74.6	681.4
<i>Fragilaria pinnata</i> var. <i>acuminata</i> Mayer	0	0	0	0	0	0	0	0	0	0	3.4	0
<i>Fragilaria pinnata</i> var. <i>subcapitata</i> Frenguelli	0	0	0	0	0	0	0	0	0	0	35.5	0
<i>Fragilaria vaucheriae</i> (Kützing) Petersen	46.7	30.5	200.0	82.1	0	11.2	50.6	8,444.3	2,276.2	632.8	123.3	514.0
<i>Frustulia rhomboides</i> (Ehrenberg) De Toni	0	0	0	0	0	0	0	0	2,346.1	0	0	0
<i>Geissleria acceptata</i> (Hustedt) Lange-Bertalot et Metzeltin	34.6	37.6	0	38.0	0	55.3	0	0	510.6	0	342.4	1,158.1
<i>Gomphoneis erienne</i> var. <i>variabilis</i> Kociolek et Stoermer	0	0	0	0	0	0	0	0	0	7,902.2	0	0
<i>Gomphoneis herculeana</i> (Ehrenberg) Cleve	1,473.6	1,444.1	2,630.1	7,770.6	5,695.8	0	0	28,697.1	0	0	0	0
<i>Gomphoneis mammilla</i> (Ehrenberg) Cleve	0	0	0	0	0	0	0	0	0	0	3,162.6	22,465.4
<i>Gomphoneis minuta</i> Kociolek et Stoermer	5,010.3	2,086.1	3,156.2	9,713.7	2,848.0	353.7	138.8	12,299.3	0	0	0	0
<i>Gomphonema innocens</i> Reichardt	0	0	0	0	0	0	0	703.1	0	0	0	241.9
<i>Gomphonema kobayasii</i> Kociolek et Kingston	0	0	0	0	0	12.0	0	167.6	44.5	17.7	2.8	0
<i>Gomphonema minusculum</i> Krasske	43.9	29.4	78.3	14.8	179.3	21.6	0	0	0	39.8	0	0
<i>Gomphonema minutum</i> (Agardh) Agardh	23.1	4.2	41.2	33.8	37.2	0	0	0	0	0	0	0

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Bacillariophyta (diatoms, cont.)												
<i>Gomphonema olivaceoides</i> Hustedt	14.8	4.0	65.9	97.4	11.9	3.0	0	0	0	0	10.5	0
<i>Gomphonema parvulum</i> (Kützing) Kützing	0	0	0	0	0	0	0	299.7	0	0	0	0
<i>Gomphonema pumilum</i> var. <i>rigidum</i> Reichardt et Lange-Bertalot	81.3	39.6	137.4	122.2	55.1	5.1	3.0	0	0	0	32.3	61.4
<i>Gomphonema rhombicum</i> Fricke	21.5	11.7	76.6	0	518.4	1,467.8	91.0	2,388.1	2,377.4	1,264.4	172.1	410.8
<i>Gomphonema</i> sp. 2 ANS NEW JERSEY KCP	368.6	218.1	572.1	140.8	1,729.3	0	0	222.9	0	0	83.1	767.0
<i>Gomphonema</i> sp. 29 NAWQA KM	0	0	0	0	0	0	0	0	0	0	5.1	0
<i>Gomphonema</i> sp. 3 Idaho SEH	0	0	0	0	0	0	13.5	0	0	0	0	0
<i>Gomphonitzschia agma</i> Hohn et Hellermann	0	0	0	0	0	0	0	0	0	0	27.0	0
<i>Hannaea arcus</i> (Ehrenberg) Patrick	0	17.2	0	0	0	0	29.7	3,952.3	0	186.0	268.0	0
<i>Hantzschia amphioxys</i> (Ehrenberg) Grunow	0	0	0	0	0	0	0	0	0	0	0	116.7
<i>Karayevia clevei</i> (Grunow) Bukhtiyarova	0	0	0	0	0	0	0	99.6	0	0	0	0
<i>Karayevia laterostrata</i> (Hantzsch) Bukhtiyarova	0	0	0	0	0	0	0	0	0	0	61.9	0
<i>Kolbesia suchlandtii</i> (Hustedt) Kingston	26.4	7.2	47.2	0	0	26.4	0	551.7	0	155.8	0	0
<i>Melosira varians</i> Agardh	0	0	390.0	240.0	0	0	51.5	27,355.1	185,582.4	0	0	2,091.5
<i>Meridion circulare</i> (Greville) Agardh	0	0	0	0	0	0	0	0	247.0	0	0	80
<i>Meridion circulare</i> var. <i>constrictum</i> (Ralfs) Van Heurck	0	0	0	0	0	0	0	0	0	0	11.0	0
<i>Navicula concentrica</i> Carter	0	0	0	0	0	54.3	0	1,132.9	401.0	160	0	0
<i>Navicula cryptocephala</i> Kützing	0	0	0	0	0	11.6	20.4	0	0	170.2	61.3	0
<i>Navicula cryptotenella</i> Lange- Bertalot ex Krammer et Lange- Bertalot	260.3	70.9	232.3	66.0	145.1	36.0	18.9	1,532.0	1,331.0	471.9	33.1	646.9
<i>Navicula incertata</i> Hustedt	0	0	0	0	0	0	0	0	0	0	11.4	8.9

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Bacillariophyta (diatoms, cont.)												
<i>Navicula menisculus</i> Schumann	0	0	0	0	0	0	7.8	0	0	0	0	0
<i>Navicula minima</i> Grunow	0	0	0	0	0	0	0	49.7	105.6	10.5	4.2	0
<i>Navicula radiosa</i> Kützing	0	0	0	0	0	19.5	0	678.4	720.4	143.7	46.0	350.1
<i>Navicula reichardtiana</i> Lange-Bertalot	0	0	0	0	0	0	0	0	621.7	186.0	0	0
<i>Navicula rhynchocephala</i> Kützing	0	0	0	0	0	0	0	0	0	185.2	0	0
<i>Navicula</i> sp. 44 NAWQA EAM	0	0	0	0	135.9	0	0	0	0	0	0	0
<i>Navicula subminuscula</i> Manguin	0	0	0	0	0	0	0	0	39.4	0	0	0
<i>Navicula tripunctata</i> (Müller) Bory	0	21.9	0	0	0	48.2	0	0	0	0	0	0
<i>Navicula vitabunda</i> Hustedt	0	0	0	0	0	0	0	23.6	0	0	0	0
<i>Nitzschia amphibia</i> Grunow	0	0	0	18.1	0	0	1.9	0	0	0	0	39.5
<i>Nitzschia archibaldii</i> Lange-Bertalot	0	0	0	0	0	0	0	116.8	144.7	49.5	0	0
<i>Nitzschia bacillum</i> Hustedt	0	0	0	0	0	0	0	0	738.5	0	0	0
<i>Nitzschia dissipata</i> (Kützing) Grunow	0	0	0	0	0	0	0	738.2	783.9	218.9	0	203.2
<i>Nitzschia fonticola</i> Grunow	34.8	48.4	117.3	84.9	0	0	21.8	806.4	57.1	421.3	18.2	27.7
<i>Nitzschia frustulum</i> (Kützing) Grunow	0	0	0	0	0	2.0	0	104.1	0	0	0	0
<i>Nitzschia inconspicua</i> Grunow	2.4	2.6	8.6	17.2	1.9	1.0	1.1	134.3	0	14.2	3.4	40.4
<i>Nitzschia lacuum</i> Lange-Bertalot	1.5	0	8.2	0	0	0	0	0	0	0	0	0
<i>Nitzschia liebethruthii</i> Rabenhorst	0	0	12.2	0	0	15.1	4.8	381.1	0	80.7	0	16.4
<i>Nitzschia palea</i> var. <i>debilis</i> (Kützing) Grunow	0	0	0	0	0	0	0	163.6	0	0	0	28.1
<i>Nitzschia paleacea</i> Grunow ex Van Heurck	0	1.2	0	2.4	0	0	0	209.3	190.5	88.6	0	0
<i>Nitzschia pumila</i> Hustedt	0	0	0	0	0	0	0	0	337.7	0	0	0
<i>Nitzschia pura</i> Hustedt	0	0	0	0	0	0	0	1,196.0	0	0	0	0
<i>Nitzschia recta</i> Hantzsch ex Rabenhorst	0	0	0	0	0	0	0	1,008.4	535.4	427.1	0	0
<i>Nitzschia sociabilis</i> Hustedt	0	0	0	0	0	0	4.3	4,875.4	953.7	54.3	8.7	264.9
<i>Nitzschia tropica</i> Hustedt	1,526.4	667.9	2,707.7	2,325.1	1,161.3	0	55.1	7,425.1	2,144.0	0	30.9	313.7

Table 12. Biovolumes of algal taxa collected from 11 sites in the North Umpqua River Basin, Oregon, July 2005—Continued

[Refer to table 1 for an explanation of site acronyms and associated station identification numbers. Taxon biovolumes are reported in thousand cubic micrometers per square centimeter. NURCR1 and NURCR2 are replicate samples.]

Algal taxon	Site and sampling date											
	NURCR1 7/28/2005	NURCR2 7/28/2005	NUBWC 7/27/2005	NUSTM 7/27/2005	STEAM 7/28/2005	COPEG 7/27/2005	BSODA 7/27/2005	LEM1G 7/26/2005	TOKET 7/29/2005	TOKLKI 7/26/2005	INLET 7/25/2005	LAKEM 7/26/2005
Bacillariophyta (diatoms, cont.)												
<i>Opephora aff. olsenii</i> SAVANNAH EAM Möller	2.2	4.8	23.7	12.1	0	2.7	0	92.2	65.3	13.0	15.6	26.4
<i>Opephora martyi</i> Héribaud	0	0	0	0	0	0	0	0	246.1	0	15.7	159.5
<i>Placoneis placentula</i> (Ehrenberg) Hienzerling	0	0	0	0	0	0	0	0	0	1,941.2	0	0
<i>Planothidium apiculatum</i> (Patrick) Lange-Bertalot	0	0	0	0	0	0	0	0	0	0	59.4	0
<i>Planothidium biporumum</i> (Hohn et Hellerman) Lange-Bertalot	0	0	0	0	0	6.2	0	0	0	0	0	0
<i>Planothidium frequentissimum</i> (Lange-Bertalot) Lange-Bertalot	3.3	3.6	0	7.3	0	0	6.3	0	49.3	0	6.3	0
<i>Planothidium lanceolatum</i> (Brébisson ex Kützing) Lange- Bertalot	18.9	15.5	135.2	52.0	0	11.4	13.4	1,316.8	2,307.2	1,338.7	129.5	135.9
<i>Planothidium peragalli</i> var. <i>fossilum</i> (Tempère et Peragallo) Andresen, Stoermer et Kreis	14.7	0	0	0	0	0	0	0	0	0	17.4	0
<i>Planothidium rostratum</i> (Østrup) Lange-Bertalot	0	0	0	0	0	0	1.0	0	0	0	2.0	0
<i>Psammothidium lacus-vulcani</i> (Lange-Bertalot et Krammer) Bukhtiyarova et Round	0	0	0	0	0	0	0	0	1,452.9	0	0	0
<i>Psammothidium levanderi</i> (Hustedt) Czarnecki	0	0	0	0	0	0	0	2,736.6	0	0	0	627.7
<i>Psammothidium subatomoides</i> (Hustedt) Bukhtiyarova et Round	0	0	0	0	0	0	0	0	0	0	3.9	39.4
<i>Pseudostaurosira brevistriata</i> (Grunow) Williams et Round	100.3	68.2	167.8	75.7	0	7.5	115.1	8,977.5	1,064.4	849.1	218.7	959.6
<i>Pseudostaurosira pseudoconstruens</i> (Marciniak) Williams et Round	0	0	0	0	0	0	0	0	618.1	0	0	0
<i>Pseudostaurosira robusta</i> (Fusey) Williams et Round	0	0	67.2	0	0	0	0	3,665.2	0	0	0	180.2
<i>Reimeria sinuata</i> (Gregory) Kociolek et Stoermer	72.6	7.9	116.6	31.9	11.7	2.9	1.7	0	53.6	0	10.3	52.1

Table 12. Biovolumes of algal taxa collected from 11 sites in the North Umpqua River Basin, Oregon, July 2005—Continued

[Refer to table 1 for an explanation of site acronyms and associated station identification numbers. Taxon biovolumes are reported in thousand cubic micrometers per square centimeter. NURCR1 and NURCR2 are replicate samples.]

Algal taxon	Site and sampling date											
	NURCR1 7/28/2005	NURCR2 7/28/2005	NUBWC 7/27/2005	NUSTM 7/27/2005	STEAM 7/28/2005	COPEG 7/27/2005	BSODA 7/27/2005	LEM1G 7/26/2005	TOKET 7/29/2005	TOKLKI 7/26/2005	INLET 7/25/2005	LAKEM 7/26/2005
	Bacillariophyta (diatoms, cont.)											
<i>Rhoicosphenia abbreviata</i> (Agardh) Lange-Bertalot	252.2	166.7	160.8	296.8	203.1	223.4	55.2	1,002.3	1,862.5	477.6	76.5	129.3
<i>Rhopalodia gibba</i> (Ehrenberg) Müller	797.9	0	0	292.2	428.4	0	125.3	0	0	0	0	0
<i>Sellaphora bacillum</i> (Ehrenberg) Mann	0	0	0	0	0	0	0	0	0	0	16.2	0
<i>Sellaphora laevisissima</i> (Kützing) Mann	0	26.6	0	0	0	0	0	0	0	0	0	0
<i>Sellaphora seminulum</i> (Grunow) Mann	0	0	0	122.8	0	0	0	0	0	0	0	0
<i>Staurosira construens</i> var. <i>venter</i> (Ehrenberg) Hamilton	26.1	7.1	38.8	9.6	0	15.6	2.0	120.9	1,187.9	358.6	4.1	93.6
<i>Staurosira</i> sp. 2 Idaho SEH	0	14.3	0	0	0	5.3	0	0	0	0	0	0
<i>Staurosira</i> sp. 2 NAWQA	0	0	0	0	0	0	0	0	0	0	266.3	0
MORALES												
<i>Staurosirella leptostauron</i> (Ehrenberg) Williams et Round	0	0	0	0	0	0	0	0	0	0	9.9	0
<i>Staurosirella leptostauron</i> var. <i>dubia</i> (Grunow) Edlund	0	0	0	0	0	0	0	0	0	0	15.4	0
<i>Staurosirella pinnata</i> (Ehrenberg) Williams et Round	28.1	12.7	58.4	36.0	0	7.5	45.2	1,105.8	690.7	179.1	150.0	89.5
<i>Staurosirella</i> sp. 7 NAWQA EAM	0	0	0	0	0	0	0	0	0	0	3.3	0
<i>Synedra acus</i> Kützing	0	0	0	0	0	29.7	35.0	1,033.5	0	0	0	355.6
<i>Synedra mazamaensis</i> Sovereign	6.0	9.8	21.3	32.8	9.6	0	2.8	1,164.6	0	0	5.6	0
<i>Synedra ulna</i> (Nitzsch) Ehrenberg	0	0	0	0	0	391.8	634.5	3,406.6	5,426.0	4,328.9	0	2,344.2
<i>Synedra ulna</i> var. <i>contracta</i> Østrup	850.8	205.9	843.7	311.6	3,045.1	0	0	13,150.3	0	0	535.0	0
<i>Tabellaria flocculosa</i> (Roth) Kützing	0	0	0	0	0	0	5.1	0	158.7	126.6	0	0
<i>Thalassiosira pseudonana</i> Hasle et Heimdal	0	0	0	0	0	0	0	0	31.0	0	0	0