

Ecography

E4554

Sharma, N. K., Rai, A. K. and Singh, S. 2006. Meteorological factors affecting the diversity of airborne algae in an urban atmosphere. – *Ecography* 29: 766–772.

Table S1. List of viable algal genera recorded at different sites during the entire sampling period (March 2003–February 2005).

Airborne algal genera	Sampling sites		
	A	B	C
Cyanophyta			
<i>Anabaena</i> spp.	+	+	+
<i>Aphanocapsa</i> spp.	+	+	+
<i>Arthrospira</i> sp.	+	+	+
<i>Calothrix</i> spp.	+	+	+
<i>Chroococcus</i> sp.	+	+	+
<i>Cylindrospermum</i> spp.	+	+	+
<i>Gloeocapsa</i> spp.	+	+	
<i>Gloeothece</i> sp.	+	+	
<i>Haplosiphon</i> spp.	+	+	
<i>Lyngbya</i> spp.	+	+	+
<i>Merismopedia</i> sp.	+		
** <i>Microcoleus</i> sp.	+		
<i>Microcystis</i> sp.	+	+	+
<i>Microchaete</i> spp.	+	+	+
<i>Nostoc</i> spp.	+	+	
<i>Oscillatoria</i> sp.	+	+	+
<i>Phormidium</i> spp.	+	+	+
<i>Plectonema</i> spp.	+	+	+
<i>Scytonema</i> spp.	+	+	+
** <i>Spirulina</i> sp.			+
<i>Synechocystis</i> spp.	+	+	
<i>Synechococcus</i> spp.	+	+	
<i>Tolypothrix</i> spp.	+	+	+
Chlorophyta			
<i>Chlorella</i> sp.	+	+	+
<i>Chlorococcum</i> sp.	+	+	+
<i>Closterium</i> sp.	+	+	+
<i>Hormidium</i> sp.	+	+	+
<i>Oedogonium</i> sp.	+		
<i>Scenedesmus</i> sp.	+	+	+
<i>Selenastrum</i> sp.			+
<i>Stichococcus</i> spp.	+	+	+
Bacillariophyta (Diatoms)			
<i>Navicula</i> sp.	+	+	+
<i>Nitzschia</i> sp.			+
<i>Pinnularia</i> sp.	+	+	+

+, indicates the presente.

**, recorded only during the sampling year 2004–2005.

Table S2. Number of total, cyanophyta, chlorophyta and diatom colonies recorded for each month during the entire sampling period.

Month and year	Number of colony counted from all culture plates*			
	Total	Cyanophyta	Chlorophyta	Diatoms
March 2003	360	320 (89)	32 (9)	8 (2)
April 2003	384	362 (94)	14 (3)	8 (2)
May 2003	432	388 (90)	30 (7)	14 (3)
June 2003	980	882 (90)	88 (9)	10 (1)
July 2003	768	584 (76)	169 (22)	15 (2)
August 2003	672	538 (80)	121 (18)	13 (2)
September 2003	600	432 (72)	156 (26)	12 (2)
October 2003	614	313 (51)	276 (45)	25 (4)
November 2003	528	254 (48)	270 (51)	4 (1)
December 2003	528	238 (45)	285 (54)	5 (1)
January 2004	456	190 (42)	260 (57)	6 (1)
February 2004	408	221 (55)	178 (44)	9 (1)
Total	6730	4722 (70)	1879 (28)	129 (2)
March 2004	370	250 (68)	112 (30)	8 (2)
April 2004	410	324 (79)	78 (19)	8 (2)
May 2004	456	382 (84)	60 (13)	14 (3)
June 2004	1004	910 (90)	81 (9)	13 (1)
July 2004	780	716 (92)	52 (7)	12 (2)
August 2004	682	620 (92)	53 (8)	9 (1)
September 2004	607	556 (92)	42 (7)	9 (1)
October 2004	602	503 (84)	93 (15)	6 (1)
November 2004	540	245 (45)	290 (54)	5 (2)
December 2004	466	158 (34)	302 (65)	6 (1)
January 2005	410	86 (21)	316 (78)	8 (1)
February 2005	355	170 (48)	178 (50)	7 (2)
Total	6682	4920 (73)	1657 (25)	105 (2)
Gross total	13412	9642 (72)	3536 (26)	134 (1)

Values in parenthesis are the percentage.