

Electronic Supplementary Material

First insights into the diversity and ecology of non-biting midges (Diptera: Chironomidae) of the unique ancient Skadar Lake basin (Montenegro/Albania).

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Table S1. List of sampling sites for pupal exuviae.

Sampling site abbreviation	Latitude [decimal degrees]	Longitude [decimal degrees]	Year	Month	Day
SK20	42.21682	19.19444	2014	9	30
SK21	42.24736	19.22559	2014	10	3
SK22	42.25861	19.13653	2014	10	3
SK23	42.21555	19.19890	2014	10	2
SK24	42.22318	19.20920	2014	10	2
SK25	42.22758	19.21363	2014	10	2
SK26	42.23316	19.21740	2014	10	2
SK27	42.2024	19.2095	2014	10	1
SK28	42.17	19.23	2014	10	5
SK29	42.25285	19.12198	2014	10	3
SK30	42.26805	19.11348	2015	7	31
SK31	42.21497	19.24290	2014	4	30
SK32	42.24954	19.09796	2015	9	30
SK33	42.27524	19.11911	2014	5	8
SK34	42.23982	19.17993	2015	7	21
SK35	42.24737	19.12972	2015	7	24
SK36	42.25776	19.10727	2015	7	25
SK37	42.27740	19.10950	2015	7	23
SK38	42.29419	19.09589	2014	5	6
SK39	42.29867	19.08254	2014	10	2
SK40	42.30894	19.08253	2015	7	22
SK41	42.30612	19.09944	2015	7	30
SK42	42.25876	19.13915	2014	4	30
SK43	42.22861	19.22305	2014	5	6
SK44	42.29944	19.10972	2014	5	8

Table S2. List of sampling sites for adult males.

Sampling site abbreviation	Latitude [decimal degrees]	Longitude [decimal degrees]	Year	Month	Day
SK1	42.42839	19.29966	2014	9	30
SK2	42.42833	19.48444	2014	9	30
SK3	42.21	19.21	2014	10	1
SK4	42.16410	19.21903	2014	10	5
SK5	42.61888	19.93525	2015	7	19
SK6	42.19476	19.10463	2015	7	22
SK7	42.3057	19.05402	2015	7	19
SK8	42.2725	19.20056	2014	5	7
SK9	42.16	19.12	2014	4	30
SK10	42.28	19.15	2014	4	30
SK11	42.16306	19.22194	2014	4	30
SK12	42.32848	19.13381	2014	5	3
SK13	42.25	19.13	2014	5	5
SK14	42.25222	19.10472	2014	5	5
SK15	42.26	19.102	2014	5	5
SK16	42.24690	19.09294	2014	4	27
SK17	42.24614	19.09306	2015	7	25
SK18	42.24683	19.09091	2014	10	8
SK19	42.27681	19.14695	2014	10	9

Table S3. Checklist of species from Skadar Lake basin.

<i>Genus species</i>	Authors	Adult male	Pupal exuviae	Taxon present in previous research	Season when found	Sampling sites of occurrence	Abundant/rare species
<i>THALASSOMYA</i>	Schiner, 1856						
<i>Thalassomya frauenfeldi</i>	Schiner, 1856	+	+		autumn	SK20	
<i>CLINOTANYPUS</i>	Kieffer, 1913						
<i>Clinotanypus nervosus</i>	(Meigen, 1818)	+	+	+	summer	SK5, SK37, SK40	
<i>TANYPUS</i>	Meigen, 1803						
<i>sg. Tanypus</i>	Meigen, 1803						
<i>Tanypus (Tanypus) punctipennis</i>	Meigen, 1818	+	+		spring, summer	SK5, SK6, SK8, SK17, SK18, SK33, SK36, SK40, SK44	abundant
<i>Tanypus sp.</i>	as for the present paper		+				
<i>PROCLADIUS</i>	Skuse, 1889						
<i>sg. Holotanypus</i>	Roback, 1982						
<i>Procladius (Holotanypus) choreus</i>	(Meigen, 1804)	+	+		spring, summer, autumn	SK5, SK6, SK7, SK8, SK17, SK18, SK19, SK20, SK29, SK32, SK37, SK40, SK44	abundant
<i>Procladius (Holotanypus) sagittalis</i>	(Kieffer, 1909)		+		summer	SK34, SK35	
<i>Procladius (Holotanypus) denticulatus</i>	Sublette, 1964		+		summer	SK35	rare
<i>Procladius sp.</i>	as for the present		+				

	paper						
<i>ABLABESMYIA</i>	Johannsen, 1905						
<i>sg. Ablabesmyia</i>	Johannsen, 1905						
<i>Ablabesmyia</i> (<i>Ablabesmyia</i>) <i>mallochi</i>	(Walley, 1925)	+	+		summer, autumn	SK19, SK28, SK32, SK37	
<i>Ablabesmyia</i> (<i>Ablabesmyia</i>) <i>monilis</i>	(Linnaeus, 1758)	+	+	+	spring, summer, autumn	SK5, SK8, SK13, SK14, SK19, SK32	rare
<i>THIENEMANNIMYIA</i>	Fittkau, 1957						
<i>Thienemannimyia laeta</i>	(Meigen, 1818)		+		autumn	SK23	
<i>KRENOPELOPIA</i>	Fittkau, 1962						
<i>Krenopelopia binotata</i>	(Wiedemann, 1817)	+	+		spring, summer	SK10, SK37, SK40, SK43, SK44	rare
<i>CONCHAPELOPIA</i>	Fittkau, 1957						
<i>Conchapelopia pallidula</i>	(Meigen, 1818)	+	+		spring, summer	SK5, SK10, SK19, SK42	rare
<i>BRILLIA</i>	Kieffer, 1913						
<i>Brillia bifida</i>	(Kieffer, 1909)	+	+		summer	SK5, SK34, SK37	rare
<i>Brillia flavifrons</i>	(Johannsen, 1905)		+		summer	SK37	rare
<i>CARDIOCLADIUS</i>	Kieffer, 1912						
<i>Cardiocladius capucinus</i>	(Zetterstedt, 1850)	+			summer	SK5	rare
<i>TVETENIA</i>	Kieffer, 1922						
<i>Tvetenia calvescens</i>	(Edwards, 1929)	+	+		Spring, autumn	SK10, SK23, SK42	rare
<i>EUKIEFFERIELLA</i>	Thienemann, 1926						
<i>Eukiefferiella</i> <i>brevicalcar</i>	(Kieffer, 1911)		+	+	autumn	SK23	rare
<i>Eukiefferiella clypeata</i>	(Thienemann, 1919)	+	+		spring, autumn	SK10	rare
<i>Eukiefferiella</i> <i>claripennis</i>	(Lundbeck, 1898)		+		spring	SK42	rare
<i>PSECTROCLADIUS</i>	Kieffer, 1906						
<i>sg. Psectrocladius</i>	Kieffer, 1906						
<i>Psectrocladius</i>	(Holmgren, 1869)		+		autumn	SK11	

<i>(Psectrocladius)</i> <i>limbatellus</i>							
<i>Psectrocladius</i> <i>(Psectrocladius)</i> <i>sordidellus</i>	(Zetterstedt, 1838)		+		spring, summer, autumn	SK23, SK36, SK37, SK43, SK44	abundant
<i>Psectrocladius</i> <i>(Psectrocladius)</i> <i>psilopterus</i>	(Kieffer, 1906)		+		spring, summer, autumn	SK20, SK32, SK34, SK36, SK37, SK44	
<i>NANOCLADIUS</i>	Kieffer, 1913						
<i>Nanocladius dichromus</i>	(Kieffer, 1906)		+		autumn	SK23	
<i>ORTHOCLADIUS</i>	van der Wulp, 1874						
<i>sg. Euorthocladius</i>	Thienemann, 1935						
<i>Orthocladius</i> <i>(Euorthocladius)</i> <i>luteipes</i>	Goetghebuer, 1938	+	+		summer, autumn	SK5	rare
<i>Orthocladius</i> <i>(Euorthocladius) rivicola</i>	Kieffer, 1911	+			summer, autumn	SK1, SK2, SK5, SK19	abundant
<i>sg. Orthocladius</i>	van der Wulp, 1874						
<i>Orthocladius</i> <i>(Orthocladius)</i> <i>abiskoensis</i>	Thienemann & Krüger, 1937	+	+		spring	SK43	rare
<i>Orthocladius</i> <i>(Orthocladius)</i> <i>excavatus</i>	Brundin, 1947	+	+		spring, summer, autumn	SK5, SK18	rare
<i>Orthocladius</i> <i>(Orthocladius)</i> <i>glabripennis</i>	(Goetghebuer, 1921)		+		autumn	SK23	
<i>Orthocladius</i> <i>(Orthocladius) oblidens</i>	(Walker, 1856)	+	+		spring, summer, autumn	SK5, SK10, SK22, SK23, SK37	rare
<i>Orthocladius</i> <i>(Orthocladius) pedestris</i>	Kieffer, 1909	+			autumn	SK18	rare

<i>Orthocladus</i> (<i>Orthocladus</i>) <i>rubicundus</i>	(Meigen, 1818)	+	+		spring, summer, autumn	SK18, SK22, SK23, SK40	rare
<i>ACRICOTOPUS</i>	Kieffer, 1921						
<i>Acricotopus lucens</i>	(Zetterstedt, 1850)	+			autumn	SK18	rare
<i>CRICOTOPUS</i>	van der Wulp, 1874						
<i>sg. Paratrichocladus</i>	Santos Abreu, 1918						
<i>Cricotopus</i> (<i>Paratrichocladus</i>) <i>skirwithensis</i>	(Edwards, 1929)		+		autumn	SK23	
<i>Cricotopus</i> (<i>Paratrichocladus</i>) <i>rufiventris</i>	(Meigen, 1830)	+	+		spring, autumn	SK10, SK18	rare
<i>sg. Cricotopus</i>	van der Wulp, 1874						
<i>Cricotopus (Cricotopus)</i> <i>annulator</i>	Goetghebuer, 1927		+		autumn	SK20, SK23	
<i>Cricotopus (Cricotopus)</i> <i>bicinctus</i>	(Meigen, 1818)	+	+		spring, summer, autumn	SK4, SK5, SK10, SK13, SK15, SK17, SK22, SK23, SK28, SK37, SK43	
<i>Cricotopus (Cricotopus)</i> <i>Pe 1</i>	sensu Langton 1991		+		spring, autumn	SK20, SK22, SK42	rare
<i>Cricotopus (Cricotopus)</i> <i>Pe 10</i>	sensu Langton 1991		+		Summer, autumn	SK22, SK23, SK35	rare
<i>Cricotopus (Cricotopus)</i> <i>Pe 11</i>	sensu Langton 1991		+		summer, autumn	SK22, SK35	rare
<i>Cricotopus (Cricotopus)</i> <i>Pe 12</i>	sensu Langton 1991		+		summer, autumn	SK23	rare
<i>Cricotopus (Cricotopus)</i> <i>Pe 3</i>	sensu Langton 1991		+		spring, autumn	SK22, SK42	rare
<i>Cricotopus (Cricotopus)</i> <i>Pe 5</i>	sensu Langton 1991		+		spring, autumn	SK22, SK42	rare
<i>Cricotopus (Cricotopus)</i>	sensu Langton 1991		+		spring, autumn	SK23, SK42	rare

Pe 6							
<i>Cricotopus (Cricotopus)</i> Pe 7	sensu Langton 1991		+		spring, summer, autumn	SK6, SK8, SK18, SK19	
<i>Cricotopus (Cricotopus)</i> Pe 9	sensu Langton 1991		+		summer	SK29	
<i>sg. Isocladius</i>	Kieffer, 1909						
<i>Cricotopus (Isocladius)</i> <i>sylvestris</i>	(Fabricius, 1794)	+	+		spring, summer, autumn	SK8, SK12, SK13, SK14, SK16, SK17, SK18, SK19, SK23, SK37, SK41	abundant
<i>Cricotopus (Isocladius)</i> Pe 4	sensu Langton 1991		+		spring	SK43	rare
<i>Cricotopus (Isocladius)</i> Pe 8	sensu Langton 1991		+		autumn	SK23	
<i>CHAETOCLADIUS</i>	Kieffer, 1911						
<i>sg. Chaetocladius</i>	Kieffer, 1911						
<i>Chaetocladius</i> (<i>Chaetocladius</i>) <i>algericus</i>	Moubayed, 1989	+			autumn	SK23	rare
<i>Chaetocladius</i> (<i>Chaetocladius</i>) <i>dentiforceps</i>	(Edwards, 1929)		+		autumn	SK23	rare
<i>Chaetocladius</i> (<i>Chaetocladius</i>) <i>perennis</i>	(Meigen, 1830)	+			summer	SK5	rare
<i>PARACHAETOCLADIUS</i>	Wülker, 1959						
<i>Parachaetocladius</i> <i>abnobaeus</i>	(Wülker, 1959)	+			spring	SK18	rare
<i>LIMNOPHYES</i>	Eaton, 1875						
<i>Limnophyes minimus</i>	(Meigen, 1818)	+			spring	SK18	abundant
<i>Limnophyes natalensis</i>	(Kieffer, 1914)	+			spring, summer	SK5, SK18	
<i>BRYOPHAENOCLADIUS</i>	Thienemann, 1934						

<i>Bryophaenocladus illimbatus</i>	(Edwards, 1929)	+			spring	SK11	rare
SMITTIA	Holmgren, 1869						
<i>Smittia abiskoensis</i>	Goetghebuer, 1940		+		spring	SK8, SK44	rare
PSEUDOSMITTIA	Edwards, 1932						
<i>Pseudosmittia trilobata</i>	(Edwards, 1929)	+			autumn	SK18	rare
THIENEMANNIELLA	Kieffer, 1911						
<i>Thienemanniella</i> sp.	as for the present paper		+		summer	SK36, SK37	rare
CORYNONEURA	Winnertz, 1846						
<i>Corynoneura edwardsi</i>	Brundin, 1949	+	+		spring, autumn	SK12	rare
<i>Corynoneura gratias</i>	Schlee, 1968	+			spring	SK8, SK12, SK18	abundant
STEMPELLINA	Thienemann & Bause, 1913						
<i>Stempellina bausei</i>	(Kieffer, 1911)	+	+		spring, summer	SK18, SK41, SK44	rare
TANYTARSUS	van der Wulp, 1874						
<i>Tanytarsus brundini</i>	Lindeberg, 1963	+	+		spring, autumn	SK18, SK20, SK19, SK23, SK44	
<i>Tanytarsus chinyensis</i>	Goetghebuer, 1934	+	+		spring, summer, autumn	SK4, SK28, SK32, SK36, SK37, SK44	abundant
<i>Tanytarsus cretensis</i>	Reiss, 1987		+		autumn	SK20, SK32	rare
<i>Tanytarsus ejuncidus</i>	(Walker, 1856)	+	+		spring, summer, autumn	SK10, SK23, SK36, SK37, SK43, SK44	
<i>Tanytarsus eminus</i>	(Walker, 1856)	+	+		spring	SK10, SK14, SK44	rare
<i>Tanytarsus excavatus</i>	Edwards, 1929	+			spring	SK18	rare
<i>Tanytarsus inaequalis</i>	Goetghebuer, 1921	+			summer	SK5	rare
<i>Tanytarsus lactescens</i>	Edwards, 1929	+			autumn	SK19	rare
<i>Tanytarsus mendax</i>	Kieffer, 1925	+			spring	SK8	rare
<i>Tanytarsus miriforceps</i>	(Kieffer, 1921)		+		summer	SK30	rare

<i>Tanytarsus striatulus</i>	Lindeberg, 1976	+					
<i>Tanytarsus Pe 14</i>	sensu Langton 1991		+		spring, summer, autumn	SK23, SK34, SK36, SK43	
<i>Tanytarsus Pe 4</i>	sensu Langton 1991		+		summer	SK36	rare
<i>Tanytarsus sp.</i>	as for the present paper		+		spring, summer, autumn	SK5, SK8, SK13, SK18, SK19, SK32	abundant
<i>Tanytarsus Pe 1</i>	sensu Langton 1991		+		spring, summer	SK36, SK42	rare
<i>Tanytarsus Pe 15</i>	sensu Langton 1991		+		summer	SK34	rare
<i>Tanytarsus usmaensis</i>	Pagast, 1931	+	+		spring, summer, autumn	SK7, SK8, SK10, SK14, SK18, SK20, SK23, SK37, SK38, SK43, SK44	abundant
<i>Tanytarsus volgensis</i>	Miseiko, 1967		+				
<i>CLADOTANYTARSUS</i>	Kieffer, 1921						
<i>sg. Cladotanytarsus</i>	Kieffer, 1921						
<i>Cladotanytarsus atridorsum</i>	Kieffer, 1924	+			autumn	SK4	rare
<i>Cladotanytarsus mancus aggr.</i>	sensu Gifka 2001	+	+		spring, summer, autumn	SK8, SK11, SK17, SK18, SK19, SK23, SK28, SK32, SK35, SK36, SK37, SK44	abundant
<i>RHEOTANYTARSUS</i>	Thienemann & Bause, 1913						
<i>Rheotanytarsus sp.</i>	as for the present paper		+		spring	SK44	abundant
<i>Rheotanytarsus curtistylus</i>	(Goetghebuer, 1921)		+		spring	SK43, SK44	rare
<i>PARATANYTARSUS</i>	Thienemann & Bause, 1913						
<i>Paratanytarsus abiskoensis</i>	Reiss & Säwedal, 1981	+	+		spring, summer	SK43	rare
<i>Paratanytarsus bituberculatus</i>	(Edwards, 1929)	+	+		spring, summer, autumn	SK8, SK17, SK18, SK19, SK20, SK22, SK23, SK32, SK36, SK37, SK43, SK44	abundant

<i>Paratanytarsus dissimilis</i>	(Johannsen, 1905)	+	+		spring, summer, autumn	SK8, SK13, SK14, SK17, SK18, SK19, SK23, SK43, SK35, SK37, SK44	abundant
<i>Paratanytarsus grimmii</i>	(Schneider, 1885)		+		spring	SK44	rare
<i>Paratanytarsus inopertus</i>	(Walker, 1856)	+	+		spring, summer, autumn	SK18, SK32, SK35, SK36, SK37, SK44	rare
<i>Paratanytarsus laetipes</i>	(Zetterstedt, 1850)	+	+		spring, summer, autumn	SK11, SK12, SK16, SK19, SK20, SK23, SK32, SK34, SK37, SK43, SK44,	abundant
<i>Paratanytarsus lauterborni</i>	(Kieffer, 1909)	+	+	+	spring	SK8, SK44	rare
<i>Paratanytarsus natvigi</i>	(Goetghebuer, 1933)	+			spring, autumn	SK4, SK8, SK13, SK17, SK18, SK19	abundant
<i>Paratanytarsus penicillatus</i>	(Goetghebuer, 1928)		+		spring, summer	SK36, SK37, SK44	rare
<i>Paratanytarsus tenellulus</i>	(Goetghebuer, 1921)	+			spring	SK8, SK14	rare
<i>Paratanytarsus sp.</i>	as for the present paper		+		spring, autumn	SK22, SK44	
MICROPSECTRA	Kieffer, 1908						
<i>Micropsectra nana</i>	(Meigen, 1818)		+		summer	SK37	rare
PARATENDIPES	Kieffer, 1911						
<i>Paratendipes albimanus</i>	(Meigen, 1818)	+		+	summer, autumn	SK5, SK32, SK36,	rare
MICROTENDIPES	Kieffer, 1915						
<i>Microtendipes pedellus</i>	(De Geer, 1776)	+		+	spring, summer	SK5, SK13	
PAGASTIELLA	Brundin, 1949						
<i>Pagastiella orophila</i>	(Edwards, 1929)		+		summer	SK37	rare
SERGENTIA	Kieffer, 1922						
<i>Sergentia sp.</i>	as for the present	+			spring	SK42	rare

	paper						
<i>PHAENOPSECTRA</i>	Kieffer, 1921						
<i>Phaenopsectra flavipes</i>	(Meigen, 1818)	+			spring, summer, autumn	SK4, SK8, SK10, SK13, SK14, SK17, SK18, SK19	abundant
<i>POLYPEDILUM</i>	Kieffer, 1912						
<i>sg. Pentapedilum</i>	Kieffer, 1913						
<i>Polypedilum</i> (<i>Pentapedilum</i>) <i>sordens</i>	(van der Wulp, 1874)	+	+		summer, autumn	SK4, SK19	rare
<i>sg. Polypedilum</i>	Kieffer, 1912						
<i>Polypedilum</i> (<i>Polypedilum</i>) <i>laetum</i>	(Meigen, 1818)	+	+		spring, summer, autumn	SK10, SK17, SK18, SK20, SK22, SK23, SK40, SK43, SK44,	rare
<i>Polypedilum</i> (<i>Polypedilum</i>) <i>nubeculosum</i>	(Meigen, 1804)	+	+	+	spring, summer, autumn	SK4, SK5, SK7, SK8, SK13, SK16, SK17, SK18, SK19, SK23, SK28, SK37, SK44	abundant
<i>sg. Tripodura</i>	Townes, 1945						
<i>Polypedilum (Tripodura)</i> <i>apfelbecki</i>	(Strobl, 1900)		+		summer	SK41	rare
<i>Polypedilum (Tripodura)</i> <i>bicrenatum</i>	Kieffer, 1921		+		spring, autumn	SK20, SK43, SK44	rare
<i>Polypedilum (Tripodura)</i> <i>scalaenum</i>	(Schrank, 1803)	+	+	+	spring, summer, autumn	SK4, SK8, SK13, SK18, SK19, SK28, SK32, SK37	abundant
<i>Polypedilum (Tripodura)</i> <i>tetracrenatum</i>	Hirvenoja, 1962		+		summer	SK36	
<i>sg. Uresipedilum</i>	Oyewo & Sæther, 1998						
<i>Polypedilum</i> (<i>Uresipedilum</i>) <i>convictum</i>	(Walker, 1856)		+	+	spring	SK44	rare
<i>Polypedilum Pe 5</i>	sensu Langton 1991		+		spring, summer, autumn	SK20, SK22, SK36, SK42	rare

<i>Polypedilum Pe 7</i>	sensu Langton 1991		+		summer	SK36	rare
<i>Polypedilum Pe 9</i>	sensu Langton 1991		+		autumn	SK20	rare
<i>Polypedilum Pe 1</i>	sensu Ferrarese in Langton 1991		+		summer	SK36	rare
<i>ENDOCHIRONOMUS</i>	Kieffer, 1918						
<i>Endochironomus albipennis</i>	(Meigen, 1830)	+	+	+	spring, summer, autumn	SK16, SK17, SK19, SK23, SK29, SK37, SK43, SK44	
<i>Endochironomus tendens</i>	(Fabricius, 1775)	+	+	+	spring, summer, autumn	SK13, SK14, SK17, SK18, SK19, SK23, SK32, SK34, SK44	abundant
<i>SYNENDOTENDIPES</i>	Grodhaus, 1987						
<i>Synendotendipes impar</i>	(Walker, 1856)	+			spring	SK18	rare
<i>Synendotendipes lepidus</i>	(Meigen, 1830)	+			summer	SK3	rare
<i>STICTOCHIRONOMUS</i>	Kieffer, 1919						
<i>Stictochironomus sticticus</i>	(Fabricius, 1781)		+				rare
<i>Stictochironomus sp.</i>	as for the present paper	+			spring, autumn	SK15, SK14, SK19	rare
<i>STENOCHIRONOMUS</i>	Kieffer, 1919						
<i>Stenochironomus sp.</i>	as for the present paper	+	+		summer	SK18, SK17, SK16, SK13, SK19	abundant
<i>FLEURIA</i>	Kieffer, 1924						
<i>Fleuria lacustris</i>	Kieffer, 1924		+		spring	SK43, SK44	abundant
<i>DICROTENDIPES</i>	Kieffer, 1913						
<i>Dicrotendipes lobiger</i>	(Kieffer, 1921)	+	+		spring, summer, autumn	SK8, SK13, SK14, SK15, SK17	
<i>Dicrotendipes nervosus</i>	(Stäger, 1839)	+	+		spring, summer, autumn	SK17, SK19, SK20, SK23, SK32, SK37, SK40, SK41, SK43	rare
<i>Dicrotendipes notatus</i>	(Meigen, 1818)		+		spring, summer, autumn	SK23, SK34, SK37, SK44	rare
<i>Dicrotendipes pulsus</i>	(Walker, 1856)	+			spring	SK8, SK13, SK14	rare

<i>Dicrotendipes</i> sp.	as for the present paper		+				
<i>GLYPTOTENDIPES</i>	Kieffer, 1913						
sg. <i>Caulochironomus</i>	Heyn, 1993						
<i>Glyptotendipes</i> (<i>Caulochironomus</i>) <i>foliicola</i>	sensu Contreras-Lichtenberg 1997		+		spring, summer, autumn	SK20, SK31, SK37, SK41	rare
sg. <i>Heynotendipes</i>	Spies & Sæther, 2004						
<i>Glyptotendipes</i> (<i>Heynotendipes</i>) <i>signatus</i>	(Kieffer, 1909)		+		autumn	SK20	
sg. <i>Glyptotendipes</i>	Kieffer, 1913						
<i>Glyptotendipes</i> (<i>Glyptotendipes</i>) <i>pallens</i>	(Meigen, 1804)	+	+		spring, summer, autumn	SK5, SK15, SK17, SK18, SK19, SK21, SK29, SK43	abundant
<i>BENTHALIA</i>	Lipina, 1939						
<i>Benthalia carbonaria</i>	(Meigen, 1804)	+			spring	SK13, SK15	abundant
<i>CHIRONOMUS</i>	Meigen, 1803						
sg. <i>Chironomus</i>	Meigen, 1803						
<i>Chironomus</i> (<i>Chironomus</i>) <i>tentans</i>	Fabricius, 1805		+				
<i>Chironomus</i> (<i>Chironomus</i>) <i>Pe 4</i> (= ? <i>balatonicus</i> Devai, Wülker & Scholl, 1983)	sensu Langton 1991		+		spring, summer	SK36, SK42	rare
<i>Chironomus</i> (<i>Chironomus</i>) <i>Pe 5</i>	sensu Langton 1991		+		spring, summer, autumn	SK20, SK31, SK34, SK36,	
<i>Chironomus</i> (<i>Chironomus</i>) <i>Pe 6</i>	sensu Langton 1991		+		summer	SK35	rare
<i>Chironomus</i> (<i>Chironomus</i>) <i>Pe 7</i>	sensu Langton 1991		+		summer	SK35, SK36	rare
<i>Chironomus</i> (<i>Chironomus</i>) <i>Pe 8</i>	sensu Langton 1991		+		summer	SK35	rare

<i>Chironomus</i> (<i>Chironomus</i>) <i>alpestris</i>	Goetghebuer, 1934	+	+		spring, summer, autumn	SK9, SK10, SK20, SK21, SK24, SK25, SK32, SK37, SK39, SK40 SK43, SK44,	
<i>Chironomus</i> (<i>Chironomus</i>) <i>annularius</i>	Meigen, 1818	+	+		summer, autumn	SK4, SK5, SK17, SK19	
<i>Chironomus</i> (<i>Chironomus</i>) <i>anthracinus</i>	Zetterstedt, 1860	+	+		summer	SK17	rare
<i>Chironomus</i> (<i>Chironomus</i>) <i>plumosus</i>	(Linnaeus, 1758)	+	+	+	spring, summer, autumn	SK8, SK9, SK10, SK17, SK18, SK19, SK20, SK21, SK23, SK26, SK37, SK39, SK43, SK44	abundant
<i>Chironomus</i> (<i>Chironomus</i>) <i>riparius</i>	Meigen, 1804	+	+		spring, summer	SK6, SK8, SK12, SK13, SK14, SK18,	abundant
<i>Chironomus</i> (<i>Chironomus</i>) <i>prasinus</i> (=?horni Kieffer, 1918)	sensu Pinder 1978	+	+		spring, summer, autumn	SK5, SK8, SK15, SK17, SK18, SK19, SK28, SK32, SK44	
<i>Chironomus</i> (<i>Chironomus</i>) <i>salinarius</i>	Kieffer in Thienemann, 1915		+				
<i>sg. Lobochoironomus</i>	Ryser, Wülker & Scholl, 1985						
<i>Chironomus</i> (<i>Lobochoironomus</i>) <i>Pe 1</i>	sensu Langton 1991	+	+		spring, summer, autumn	SK6, SK8, SK13, SK16, SK17, SK19, SK20, SK21, SK24, SK36, SK42, SK43	abundant
<i>Chironomus</i> (<i>Lobochoironomus</i>) <i>Pe 2</i>	sensu Langton 1991		+		spring, autumn	SK20, SK21, SK26, SK43	abundant
<i>Chironomus</i> (<i>Lobochoironomus</i>) <i>Pe 3</i>	sensu Langton 1991		+		spring, summer, autumn	SK20, SK23, SK26, SK36, SK42, SK43	abundant
<i>KIEFFERULUS</i>	Goetghebuer, 1922						
<i>Kiefferulus</i> <i>tendipediformis</i>	(Goetghebuer, 1921)	+	+		spring, summer, autumn	SK8, SK13, SK16, SK18, SK19, SK22, SK29, SK32, SK34, SK37	abundant
<i>Kiefferulus sp.</i>	as for the present paper		+		autumn	SK21	

<i>KLOOSIA</i>	Kruseman, 1933						
<i>Kloosia pusilla</i>	(Linnaeus, 1767)		+		summer, autumn	SK32, SK34	rare
<i>XENOCHIRONOMUS</i>	Kieffer, 1921						
<i>Xenochironomus xenolabis</i>	(Kieffer, 1916)		+		summer, autumn	SK32, SK36	rare
<i>CLADOPELMA</i>	Kieffer, 1921						
<i>Cladopelma virescens</i>	(Meigen, 1818)	+	+		spring, summer	SK6, SK13, SK17, SK18, SK19, SK36, SK37, SK40	abundant
<i>Cladopelma viridulum</i>	(Linnaeus, 1767)	+			spring, summer	SK18, SK19	rare
<i>CRYPTOTENDIPES</i>	Beck & Beck, 1969						
<i>Cryptotendipes pseudotener</i>	(Goetghebuer, 1922)		+		spring, summer, autumn	SK23, SK29, SK43, SK34, SK44	abundant
<i>MICROCHIRONOMUS</i>	Kieffer, 1918						
<i>Microchironomus deribae</i>	(Freeman, 1957)		+				
<i>Microchironomus tener</i>	(Kieffer, 1818)	+	+		spring, summer, autumn	SK4, SK17, SK18, SK19, SK20, SK23, SK28, SK34, SK37, SK44,	abundant
<i>PARACHIRONOMUS</i>	Lenz, 1921						
<i>Parachironomus biannulatus</i>	Staeger, 1839	+	+		spring, autumn	SK20, SK44	rare
<i>Parachironomus gracilior</i>	(Kieffer, 1918)		+		spring, summer	SK37, SK44	rare
<i>Parachironomus monochromus</i>	(van der Wulp, 1874)		+		spring, summer, autumn	SK5, SK8, SK14, SK18, SK19, SK20, SK23, SK34, , SK37, SK44	
<i>Parachironomus varus</i>	(Goetghebuer, 1921)		+		spring	SK44	
<i>Parachironomus sp.</i>	as for the present paper		+		autumn	SK20	
<i>HARNISCHIA</i>	Kieffer, 1921						
<i>Harnischia</i>	(Malloch, 1915)		+		spring, summer	SK31, SK37	rare

<i>curtilamellata</i>							
<i>CRYPTOCHIRONOMUS</i>	Kieffer, 1918						
<i>Cryptochironomus albofasciatus</i>	(Stäger, 1839)	+	+		spring, summer, autumn	SK6, SK7, SK19, SK26, SK32, SK39, SK44, SK40	abundant
<i>Cryptochironomus rostratus</i>	Kieffer, 1921	+			summer	SK17	rare
<i>Cryptochironomus supplicans</i>	(Meigen, 1830)		+		summer, autumn	SK20, SK23, SK36	

Legend: sg. – sub-genus, Pe. – Pupal exuviae, sp. – *species*, Relative abundance: abundant - more than 20 specimens found; rare - less than 10 specimens found.

Table S4. Species list from previous research.

Genus	Species	Reference
ABLABESMYIA Johannsen, 1905		
	<i>Ablabesmyia monilis</i> (Linnaeus, 1758)	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
CHIRONOMUS Meigen, 1803		
	<i>Chironomus plumosus</i> (Linnaeus, 1758)	Janković M. 1974. Dejstvo ekoloških faktora rasprostranjenje dominantnih vrsta Chironomidae u Skadarskom Jezeru
	<i>Chironomus plumosus</i> (Linnaeus, 1758)	Jacobi (1977; 1981), Zoobenthos from sublacustrine springs in Lake Skadar. The Biota And Limnology of Lake Skadar. Univerzitet "Veljko Vlahović" Institut Za Biološka I Medicinska Istraživanja u SRCG, Biološki Zavod Titograd, Yugoslavia. 251-263
	<i>Chironomus semireductus</i> (Lenz, 1924)	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
	<i>Chironomus semireductus</i> (Lenz, 1924)	Pulevic V., Hadžiablahovic S., Kasom G., RakocevicNedovic J., Nikcevic S., Pešic V., Ražnatovic A., Cirovic R., Saveljic D., Buškovic V., Dhimitër D., Lefter K., Fatbrdh S., Idriz H., Taulant B., Ferdinand B., Rrok S., Marash R. 2001. BIODIVERSITY DATABASE OF THE SHKODRA/SKADAR LAKE - checklist of species. Project: "Promotion of networks and exchanges in the countries of the South Eastern Europe." THE REGIONAL ENVIRONMENTAL CENTER for Central and Eastern Europe.
	<i>Chironomus</i> sp.	Jacobi (1977; 1981), Zoobenthos from sublacustrine springs in Lake Skadar. The Biota And Limnology of Lake Skadar. Univerzitet "Veljko Vlahović" Institut Za Biološka I Medicinska Istraživanja u SRCG, Biološki Zavod Titograd, Yugoslavia. 251-263
	<i>Chironomus</i> sp.	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro.

CLINOTANYPUS Kieffer, 1913

<i>Clinotanypus nervosus</i> (Meigen, 1818)	Janković M. 1974. Dejstvo ekoloških faktora rasprostranjenje dominantnih vrsta Chironomidae u Skadarskom Jezeru
<i>Clinotanypus nervosus</i> (Meigen, 1818)	Jacobi (1977; 1981), Zoobenthos from sublacustrine springs in Lake Skadar. The Biota And Limnology of Lake Skadar. Univerzitet "Veljko Vlahović" Institut Za Biološka I Medicinska Istraživanja u SRCG, Biološki Zavod Titograd, Yugoslavia. 251-263
<i>Clinotanypus nervosus</i> (Meigen, 1818)	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
<i>Clinotanypus nervosus</i> (Meigen, 1818)	Pulevic V., Hadžiablahovic S., Kasom G., RakocevicNedovic J., Nikcevic S., Pešic V., Ražnatovic A., Cirovic R., Saveljic D., Buškovic V., Dhimitër D., Lefter K., Fatbrdh S., Idriz H., Taulant B., Ferdinand B., Rrok S., Marash R. 2001. BIODIVERSITY DATABASE OF THE SHKODRA/SKADAR LAKE - checklist of species. Project: "Promotion of networks and exchanges in the countries of the South Eastern Europe." THE REGIONAL ENVIRONMENTAL CENTER for Central and Eastern Europe.

CRYPTOCHIRONOMUS Kieffer, 1918

<i>Cryptochironomus</i> from gr. <i>conjugens</i> (Kieffer, 1921)	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
<i>Cryptochironomus</i> from gr. <i>defectus</i> (Kieffer, 1913)	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
<i>Cryptochironomus</i> from gr. <i>camptolabis</i> (Kieffer, 1913)	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.

DIAMESA Meigen, 1835

<i>Diamesa</i> sp.	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
ENDOCHIRONOMUS Kieffer, 1918	
<i>Endochironomus albipennis</i> (Meigen, 1830)	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
<i>Endochironomus</i> from gr. <i>signaticornis</i> (Kieffer, 1913)	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
<i>Endochironomus</i> from gr. <i>tendens</i> (Fabricius, 1775)	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
EUKIEFFERIELLA Thienemann, 1926	
<i>Eukiefferiella brevicealcar</i> (Kieffer, 1911)	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
<i>Eukiefferiella ilkleyensis</i> -type	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
NEOZAVRELIA Goetghebuer & Thienemann, 1941	
<i>Neozavrelia</i> sp.	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
LAUTERBORNIELLA Thienemann & Bause, 1913	
<i>Lauterborniella brachylabis</i> Edwards, 1929	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.

<i>Lauterborniella brachylabis</i> Edwards, 1929	Pulevic V., Hadžiablahovic S., Kasom G., RakocevicNedovic J., Nikcevic S., Pešic V., Ražnatovic A., Cirovic R., Saveljic D., Buškovic V., Dhimitër D., Lefter K., Fatbrdh S., Idriz H., Taulant B., Ferdinand B., Rrok S., Marash R. 2001. BIODIVERSITY DATABASE OF THE SHKODRA/SKADAR LAKE - checklist of species. Project: "Promotion of networks and exchanges in the countries of the South Eastern Europe." THE REGIONAL ENVIRONMENTAL CENTER for Central and Eastern Europe.
DICROTENDIPES Kieffer, 1913 = Limnochironomus Kieffer, 1920	
<i>Limnochironomus</i> from gr. <i>tritonus</i> Kieffer 1916	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
MICROTENDIPES Kieffer, 1915	
<i>Microtendipes pedellus</i> agg. – sensu Moller Pillot 1984	Plociennik and Pesić 2012, New records and list of non- biting midges (Chironomidae) from Montenegro. Biologia Serbica 34(1-2): 36-50.
MICROPSECTRA Kieffer, 1909	
<i>Micropsectra</i> type A – sensu Brooks et al. 2007	Plociennik and Pesić 2012, New records and list of non- biting midges (Chironomidae) from Montenegro. Biologia Serbica 34(1-2): 36-50.
ORTHOCLADIUS van der Wulp, 1874	
sg. Orthocladius van der Wulp, 1874	
<i>Orthocladius</i> type S – sensu Brooks et al. 2007	Plociennik and Pesić 2012, New records and list of non- biting midges (Chironomidae) from Montenegro. Biologia Serbica 34(1-2): 36-50.
sg. Euorthocladius Thienemann, 1935	
<i>Orthocladius rivulorum</i> Kieffer, 1909	Plociennik and Pesić 2012, New records and list of non- biting midges (Chironomidae) from Montenegro. Biologia Serbica 34(1-2): 36-50.
PARATENDIPES Kieffer, 1911	

<i>Paratendipes albimanus</i> (Meigen, 1818)	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
POLYPEDILUM Kieffer, 1912	
sg. <i>Pentapedilum</i> Kieffer, 1913	
<i>Pentapedilum exsectum</i> (Kieffer, 1916)	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
<i>Pentapedilum exsectum</i> (Kieffer, 1916)	Pulevic V., Hadžiablahovic S., Kasom G., RakocevicNedovic J., Nikcevic S., Pešic V., Ražnatovic A., Cirovic R., Saveljic D., Buškovic V., Dhimitër D., Lefter K., Fatbrdh S., Idriz H., Taulant B., Ferdinand B., Rrok S., Marash R. 2001. BIODIVERSITY DATABASE OF THE SHKODRA/SKADAR LAKE - checklist of species. Project: "Promotion of networks and exchanges in the countries of the South Eastern Europe." THE REGIONAL ENVIRONMENTAL CENTER for Central and Eastern Europe.
<i>Polypedilum brevi antennatum</i> Chernovskij, 1949	Pulevic V., Hadžiablahovic S., Kasom G., RakocevicNedovic J., Nikcevic S., Pešic V., Ražnatovic A., Cirovic R., Saveljic D., Buškovic V., Dhimitër D., Lefter K., Fatbrdh S., Idriz H., Taulant B., Ferdinand B., Rrok S., Marash R. 2001. BIODIVERSITY DATABASE OF THE SHKODRA/SKADAR LAKE - checklist of species. Project: "Promotion of networks and exchanges in the countries of the South Eastern Europe." THE REGIONAL ENVIRONMENTAL CENTER for Central and Eastern Europe.
<i>Polypedilum brevi antennatum</i> Chernovskij, 1949	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
sg. <i>Uresipedilum</i> Sasa & Kikuchi, 1995	
<i>Polypedilum convictum</i> (Walker, 1856)	Jacobi (1977; 1981), Zoobenthos from sublacustrine springs in Lake Skadar. The Biota And Limnology of Lake Skadar. Univerzitet "Veljko Vlahović" Institut Za Biološka I Medicinska Istraživanja u SRCG, Biološki Zavod

Titograd, Yugoslavia. 251-263

Polypedilum convictum (Walker, 1856) Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. *Biologia Serbica* 34(1-2): 36-50.

Polypedilum from gr. *convictum* (Walker, 1856) Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.

sg. *Polypedilum* Kieffer, 1912

Polypedilum nubeculosum - type sensu Brooks et al. 2007 Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. *Biologia Serbica* 34(1-2): 36-50.

Polypedilum from gr. *nubeculosum* (Meigen, 1804) Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.

sg. *Tripodura* Townes, 1945

Polypedilum from gr. *scalenum* (Schrank, 1803) Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.

POTHASTIA Kieffer, 1922

Pothastia gaedii (Meigen, 1838) Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. *Biologia Serbica* 34(1-2): 36-50.

PROCLADIUS Skuse, 1889

Procladius sp. Jacobi (1977; 1981), Zoobenthos from sublacustrine springs in Lake Skadar. The Biota And Limnology of Lake Skadar. Univerzitet "Veljko Vlahović" Institut Za Biološka I Medicinska Istraživanja u SRCG, Biološki Zavod Titograd, Yugoslavia. 251-263

Procladius sp. Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.

<i>Procladius</i> sp.	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
PRODIAMESA Kieffer, 1906	
<i>Prodiamesa olivacea</i> (Meigen, 1818)	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
<i>Prodiamesa olivacea</i> (Meigen, 1818)	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
<i>Prodiamesa olivacea</i> (Meigen, 1818)	Pulevic V., Hadžiablahovic S., Kasom G., RakocevicNedovic J., Nikcevic S., Pešic V., Ražnatovic A., Cirovic R., Saveljic D., Buškovic V., Dhimitër D., Lefter K., Fatbrdh S., Idriz H., Taulant B., Ferdinand B., Rrok S., Marash R. 2001. BIODIVERSITY DATABASE OF THE SHKODRA/SKADAR LAKE - checklist of species. Project: "Promotion of networks and exchanges in the countries of the South Eastern Europe." THE REGIONAL ENVIRONMENTAL CENTER for Central and Eastern Europe.
PARATANYTARSUS Thienemann & Bause, 1913	
<i>Paratanytarsus lauterborni</i> (Kieffer, 1909)	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
PARATENDIPES Kieffer, 1911	
<i>Paratendipes albimanus</i> (Meigen, 1818)	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
STICTOCHIRONOMUS Kieffer, 1919	
<i>Stictochironomus</i> from gr. <i>historio</i> Fabricius	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
RHEOCRICOTOPUS Brundin, 1956	

<i>Rheocricotopus cf. effusus</i> (Walker, 1856)	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.
TANYTARSUS van der Wulp, 1874	
<i>Tanytarsus</i> from gr. <i>gregarius</i> Kieffer, 1909	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
<i>Tanytarsus</i> from gr. <i>mancus</i> (Walker, 1856)	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
TRISSOCLADIUS Kieffer, 1908	
<i>Trissocladius griseipennis</i> Goetghebuer, 1913 = <i>Hydrobaenus lugubris</i> Fries, 1830	Nedeljković (1959), Karaman 1981; Skadarsko Jezero: studija organske produkcije u jednom krasnom jezeru. Posebno izd. Biol. Inst. 4: 1-156, Beograd.
<i>Trissocladius griseipennis</i> Goetghebuer, 1913 = <i>Hydrobaenus lugubris</i> Fries, 1830	Pulevic V., Hadžiablahovic S., Kasom G., RakocevicNedovic J., Nikcevic S., Pešić V., Ražnatovic A., Cirovic R., Saveljic D., Buškovic V., Dhimitër D., Lefter K., Fatbrdh S., Idriz H., Taulant B., Ferdinand B., Rrok S., Marash R. 2001. BIODIVERSITY DATABASE OF THE SHKODRA/SKADAR LAKE - checklist of species. Project: "Promotion of networks and exchanges in the countries of the South Eastern Europe." THE REGIONAL ENVIRONMENTAL CENTER for Central and Eastern Europe.
TVETENIA Kieffer, 1922	
<i>Tvetenia</i> sp.	Plociennik and Pesić 2012, New records and list of non-biting midges (Chironomidae) from Montenegro. <i>Biologia Serbica</i> 34(1-2): 36-50.

Legend: gr. – from group, sp. – *species*, agg. – species aggregate, cf. – *confer* – to compare, to be compared with

Table S5. CCA species scores for pupal exuviae.

Species	CCA1	CCA2
<i>Chironomus</i> (<i>Chironomus</i>) <i>alpestris</i>	0.2111	-0.7382
<i>Chironomus</i> (<i>Chironomus</i>) <i>plumosus</i>	0.6176	-0.2763
<i>Paratanytarsus</i> <i>bituberculatus</i>	-0.7220	0.6145
<i>Cladotanytarsus</i> <i>mancus</i>	-1.3262	1.7097
<i>Chironomus</i> Pe 1	2.4381	1.8896
<i>Dicrotendipes</i> <i>nervosus</i>	-0.2112	-1.4406
<i>Paratanytarsus</i> <i>laetipes</i>	-0.6582	0.2916
<i>Cryptochironomus</i> <i>albofasciatus</i>	0.6824	-1.1098
<i>Chironomus</i> Pe 3	1.9392	0.1446
<i>Microchironomus</i> <i>tener</i>	-1.0276	1.0994
<i>Procladius</i> (<i>Holotanypus</i>) <i>choreus</i>	-0.8238	-1.7227
<i>Polypedilum</i> (<i>Polypedilum</i>) <i>laetum</i>	-0.2040	-0.5238
<i>Psectrocladius</i> (<i>Psectrocladius</i>) <i>psilopterus</i>	-0.8208	0.6014

Table S6. CCA environmental variables scores.

	CCA1	CCA2
pH	-0.1461	0.1683
Cond	-0.0906	-0.0141
NH₄	-0.4716	0.0644
NO₃	-0.0455	-0.0038
TP	-0.2266	0.2157
Temp	-0.7335	-0.0942
CaCO₃	0.4520	-0.3287
O₂	0.2073	-0.0627
Trasp	0.1572	0.2861
Altitude	0.4173	0.3832

Table S7. Inflation factors of the original environmental variables.

pH	cond	NH4	NO3	TP	temp
2.3601	8.8811	15.2123	3.8549	14.7064	12.4966
CaCO3	0.2	trasp	altitude	longitude	latitude
25.0944	17.0753	31.3922	8.0500	26.4811	33.1861

Table S8. CCA and PCA eigenvalues with the percentage of variance explained by constrained (CCA) and unconstrained (PCA) axes.

	CCA1	CCA2	PCA1	PCA2
Eigenvalue	0.3719	0.2617	0.8152	0.3578
Proportion explained	0.2829	0.1991	0.3914	0.1718
Cumulative proportion	0.2829	0.482	0.3914	0.5631