Online material

Table 2. Distribution of the chironomid taxa identified.

	COR	FLO	FAI	PIC	SJG	SMG	SMR
Chironominae							
Chironomus (*Chironomus*) *annularius* (Meigen, 1818)		FLC1, FLC2, FLC5, FLC6, FLC8		PIC3	JR-SJOR1	EM1, AZ1	
Chironomus cingulatus (Meigen, 1818)		FNM, FLC1	RFL (b)	PIC2, PIC3	JR-SJOR2	AZ1, RFT2	
Chironomus dorsalis (Meigen, 1818)		FLC1		PIC3		AZ1	
Chironomus riparius (Meigen, 1804)		FLC1, FLC6, FLC7, FLC8, FLC12, FLC13				RPV4	RGC (b)
Glyptotendipes barbipes (Staeger, 1839)						AZ1	
Glyptotendipes pallens (Meigen, 1804)						CGM, BRM, VM1, AZ1	
Micropsectra junci (Meigen, 1818)				ROS, PAU, CAI	JOR2	RGU1, RPV4	
Micropsectra lindrothi (Goetghebuer, 1931)		RSM, RB1				RFTO, RFT2	
Parachironomus tenuicaudatus (Malloch, 1915)						RP0	
Paratanytarsus grimmii (Schneider, 1885)		RGR0, RGR1, RGR3, RB2	RFL (b); RFL (c)			CGM, AZ1, RG1	RGC (a), RSF2 (a), RGC (b)
Polypedilum nubeculosum (Meigen, 1818)			RFL (b); RFL (c)			RFT2, RPV4	RGC (b), RSA (b), RSF2 (b)
Polypedilum nubifer (Skuse, 1889)						AZ1	RSF2 (a)
Orthocladiinae							
Camptocladius stercorarius (De Geer, 1776)	CLA1	RGR0, RGR1, RGR3, RB1				FA1, RFT2, RC2, RPV4	RSF2 (a), RGC (b), RSA (b)
Cardiocladius freyi (Stora in Frey, 1936)		RGR0,RGR1, RGR2, RGR3, RB0, RB1, RB2				RTX, AFG2, RP0, FA1, RGU0, RGU1, RFT1, RFT2, RG3, RQ2, RQ4, RC2, RPV4	STMRS (a), RSF2 (a), RSA (b), STMRS (b), RSF2 (b)
Chaetocladius melaleucus (Meigen, 1818)	CLA1	RGR1, RB0, RB1				AFG2	
Cricotopus (*Isocladius*) *ornatus* (Meigen, 1818)			RFL (b); RFL (c)	PIC3		RPV4	RGC (b)
Cricotopus (*Isocladius*) *sylvestris* (Fabricius, 1794)					JR-SJOR1, JR-SJOR3	RQ4, RPV4, RFT2	RSA (a), RSF2 (a), RSA (b), STMRS (b), RSF2 (b)
Limnophyes minimus (Meigen, 1818)		RGR0, RB2, RGR3				FA1, RFT0, RFT2, RG2, RG3, RC2, RPV4	RGC (a), STMRS (a), RSF2 (a), RGC (b)

Table 2. (Continued).

	COR	FLO	FAI	PIC	SJG	SMG	SMR
Orthocladius (*Eudactylocladius*) *fuscimanus* (Kieffer, 1908)		RGR0,RGR1, RGR2, RGR3, RB0, RB1, RB2	RFL (a)	CAI		EM1, AZ1, RTX, AFG1, AFG2, RP0, FA1, RGU0, RGU1, RFT1, RFT2, RG2,RQ2, RQ4,RC2,RPV4	RGC (a), RSA (a), STMRS (a), RSF2 (a), RGC (b), RSA (b), STMRS (b), RSF2 (b)
Parachaetocladius abnobaeus (Wülker, 1959)		RGR1				RP0, RG1, RG2	
Parametriocnemus stylatus (Kieffer, 1924)		RGR0, RGR2, RGR3, RB2				RTX, RP0, FA1, RGU1, RFT0, RFT1, RFT2, RG2, RG3, RQ2, RQ4, RC2, RPV4	RGC (a), RSA (a), STMRS (a), RSF2 (a), RGC (b), RSA (b), STMRS (b), RSF2 (b)
Psectrocladius limbatellus (Holmgren, 1869)	CLA1	RSM, RB0, FLC1, FLC2, RB2, RGR0, RGR3		ROS, PAU, CAI	JR-SJOR2	BRM, EM2, AZ1	
Psectrocladius sordidellus (Zetterstedt, 1838)		FLC1	RFL (b)	CAI		VM1	
Pseudorthocladius (*Pseudorthocladius*) *curtistylus* (Goetghebuer, 1921)							RGC (a)
Pseudosmittia sp. (Edwards, 1932)		RB2					
Rheocricotopus atripes (Kieffer, 1913)		RGR0, RGR1, RGR3, RB0, RB1, RB2	RFL (a)		JOR7	RTX, AFG2, RP0, FA1, RGU0, RFT0, RFT1, RFT2, RG3, RQ2, RQ4, RC2, RPV4	RGC (a), RSA (a), STMRS (a), RGC (b), STMRS (b)
Synorthocladius semivirens (Kieffer, 1909)		RB1, RGR1, RGR3	RFL (a)			FA1, RGU0, RGU1, RFT2, RTX2, RC2, RPV4	
Thienemanniella clavicornis (Kieffer, 1911)	CLA1	RGR0,RGR1, RGR2, RGR3, RB0, RB1, RB2				AFG2, RP0, FA1, RGU0, RGU1, RFT0, RFT1, RFT2, RG3, RTX2, RQ2, RQ4, RPV4	RGC (a), RSA (a), STMRS (a), RSF2 (a), RGC (b), RSA (b), STMRS (b), RSF2 (b)
Tanypodinae							
Paramerina cingulata (Walker, 1856)	CLA1	RGR1	RFL (c)		JOR7	RGU0, RFT0, RQ2, RPV4	RGC (a), RSA (a), STMRS (a), RSF2 (a)
Procladius choreus (Meigen, 1804)		FLC2				RGU1, RFT1	
Telmatopelopia nemorum (Goetghebuer, 1921)		FLC9	RFL (b)	PIC3	JR-SJOR3	P	RGC (b), STMRS (b), RSF2 (b)
Zavrelimyia nubila (Meigen, 1830)		RB1, RGR0, RGR3	RFL (a)		JOR2	RTX, RFT0	RGC (b), RSA (b)

Table 3. Linear regression results for ISAR data.

	df	SS	MS	*F*-value	*P*
Log(*A*)	1	0.26018	0.26018	24.31	0.002
Residual error	7	0.07492	0.01070		
Total	8	0.33510			