

Species	Code	Code Number	Reference	VERIFIED	SPECCODE	GENUS	Field7	VARIETY	AUTHORITY	DUPLICATE	TAXDESCR	YEASTAR	YEAREND	WHYCHANGE	CASENUM	SLIDENUM	Kurts Tropic Index	Literature Tropic Index
Abalbesmyia annulata	DIPT	3	Roback 1985	Epler 2003	ABLANNU	Abalbesmyia	annulata	(Say)	Roback	FALSE		2000						
Abalbesmyia cf. simpsoni	DIPT	3	Roback 1985	Epler 2004	ABLSIMP?	Abalbesmyia	simpsoni		Roback	FALSE		2003						
Abalbesmyia mallochii	DIPT	3	Roback 1985		ABLMLAL	Abalbesmyia	mallochii		Walley	FALSE								
Abalbesmyia sp.	DIPT				ABLSP	Abalbesmyia				FALSE		1998						
Alboglossiphonia heteroclitia	HIR	10	Klemm 1985	Askegaard 2003	ALBHETE	Alboglossiphonia	heteroclitia		(Linnaeus)	FALSE		2000						
Amphichaeta leydigi	OLIN	4	Kathman and Brinkhurst 1998	Askegaard 2004	AMPLEYD	Amphichaeta	leydigi		Tauber	FALSE		1999					2	
Amphipoda	AMP	6			AMPHIP					FALSE		2003						
Arctonais lomondi	OLIN	4	Kathman and Brinkhurst 1998		ARCLOMO	Arctonais	lomondi		(Martin)	FALSE		1997					2	1
Aulodrilus americanus	OLIT	4	Kathman and Brinkhurst 1998		AULAMER	Aulodrilus	americanus		Brinkhurst and Cook	FALSE		1998						
Aulodrilus limnobius	OLIT	4	Kathman and Brinkhurst 1998		AULLIMN	Aulodrilus	limnobius		Bretscher	FALSE		1999					1	1
Aulodrilus pigueti	OLIT	4	Kathman and Brinkhurst 1998		AULPIGU	Aulodrilus	pigueti		Kowalewski	FALSE		1998					1	1
Aulodrilus pluriseti	OLIT	4	Kathman and Brinkhurst 1998	Askegaard 2003	AULPLUR	Aulodrilus	pluriseti		(Piguet)	FALSE		1998						2
Branchiura sowerbyi	OLIT	4	Kathman and Brinkhurst 1998		BRASOWE	Branchiura	sowerbyi		Beddard	FALSE		1998						
Caecidotea racovitzai	ISO	14	Williams 1972	Askegaard 2004	CAERACO	Caecidotea	racovitzai		(Williams)	FALSE		2000						
Caecidotea sp.	ISO	14	Thorp and Covich 2001		CAESP	Caecidotea				FALSE								
Ceratopogonidae	DIP	3	Merritt and Cummins 1996		CERATO					FALSE		2003						
Chaetogaster diaphanus	OLIN	4	Kathman and Brinkhurst 1998		CHEDIAP	Chaetogaster	diaphanus		(Gruthuisen)	FALSE		1999						
Chaetogaster diastrophus	OLIN	4	Kathman and Brinkhurst 1998	Askegaard 2004	CHEDIAS	Chaetogaster	diastrophus		(Gruthuisen)	FALSE		2003					2	
Chaoborus sp.	DIPA	4			CHASP	Chaoborus				FALSE		1998						
Chironomini	DIPC	3	Epler 2001		CHIROM	Chironomini				FALSE								
Chironomus sp.	DIPC	3	Epler 2001		CHIRSP	Chironomus			Meigen	FALSE		1997						
Coelotanypus sp.	DIPT	3	Epler 2001		COESP	Coelotanypus				FALSE		1997						
Cricotopus sp.	DIPO	3	Epler 2001		CRISP	Cricotopus			Kieffer	FALSE		1999						
Cryptochironomus sp.	DIPC	3	Epler 2001		CRYSP	Cryptochironomus			Kieffer	FALSE		1997						
Cryptotendipes sp.	DIPC	3	Epler 2001		CRTPSP	Cryptotendipes				FALSE		1999						
Demicyptochironomus sp.	DIPC	3	Epler 2001		DEMSPP	Demicyptochironomus			Lenz	FALSE		1999						
Dero sp.	OLIN	4	Kathman and Brinkhurst 1998		DEROSP	Dero			Oken	FALSE		2000					2	1
Dicrotendipes fumidus	DIPC	3	Epler 1987	Epler 2003	DICFLUMI	Dicrotendipes	fumidus		(Johanssen)	FALSE		2001						
Diporeia sp.	AMP	6	Bousfield 1958, Thorp and Covich 2001		DIPSP	Diporeia			Bousfield	FALSE		1997						
Echinogammarus sp.	AMP	6	Witt, Hebert, and Morton 1997		ECHSP	Echinogammarus				FALSE		2003						
Elimia livescens	GAS	8	Mackie, White, and Zdeba 1980	Askegaard 2003	ELLIVE	Elimia	livescens		(Menke)	FALSE		2000						
Enchytraeid fragment	OLIE	4	Kathman and Brinkhurst 1998		ENCFRAG					FALSE		1999						
Enchytraeidae	OLIE	4	Kathman and Brinkhurst 1998		ENCH	Enchytraeidae				FALSE		1998						0
Epicoccladius flavens	DIPO	3	Epler 2001	Epler 2004	EPOFLAV	Epicoccladius	flavens		(Malloch)	FALSE		2003						
Erpobdellidae	HIR	10	Klemm 1985		ERPO	Erpobdellidae				FALSE		2001						
Fossaria/Stagnicola	GAS	8	Mackie, White, and Zdeba 1980		FOSSTA	Fossaria/Stagnicola				FALSE		2001						
Gammarus fasciatus	AMP	6	Holsinger 1972		GAMFASC	Gammarus	fasciatus			FALSE		1997						
Gammarus pseudolimnaeus	AMP	6	Thorpe and Covich 2001		GAMPSEU	Gammarus	pseudolimnaeus		Bousfield	FALSE		1997						
Gammarus sp.	AMP	6	Thorpe and Covich 2001		GAMSP	Gammarus			Section	FALSE		1998						
Gastropoda	GAS	8	Thorpe and Covich 2001		GASTRO	Gastropoda				FALSE		1997						
Girardia tigrina	TUR	13	Smith 2001	Askegaard 2003	GIRTIGR	Girardia	tigrina		(Girard)	FALSE		2001						
Glyptotendipes sp.	DIPC	3	Epler 2001	Epler 2005	GLYSP	Glyptotendipes			Kieffer	FALSE		2004						
Harnischia sp.	DIPC	3	Epler 2001	Epler 2004	HARSP	Harnischia			Kieffer	FALSE		1999						
Helobdella elongata	HIR	10	Klemm 1985	Askegaard 2003	HELELON	Helobdella	elongata		(Castle)	FALSE		2000						
Helobdella stagnalis	HIR	10	Klemm 1985		HELSTAG	Helobdella	stagnalis		(Linnaeus)	FALSE		2000						
Heterotrissocladus marcidus group	DIPD	3	Wiederholm 1983	Epler 2003	HETMARC	Heterotrissocladus	marcidus group			FALSE		2001						
Heterotrissocladus sp.	DIPO	3	Epler 2001		HETSP	Heterotrissocladus			Sparck	FALSE		1997						
Heterotrissocladus subpilosus group	DIPO	3	Wiederholm 1983	Epler 2003	HETSUBP	Heterotrissocladus	subpilosus group			FALSE		2000						
Hexagenia sp.	EPH	1	Merritt and Cummins 1996		HEXSP	Hexagenia			Walsh	FALSE		1998						
Hirudinea	HIR				HIRSP	Hirudinea				FALSE		1997						
Hyaella azteca	AMP	11	Thorp and Covich 2001		HYAAZTE	Hyaella	azteca			FALSE		1997						
Hydra sp.	HYD	3	Thorp and Covich 2001	Epler 2004	HYDSP	Hydra				FALSE		2000						
Hydrobaenus sp.	DIPO	3	Epler 2001	Askegaard 2003	HYDRSP	Hydrobaenus			Fries	FALSE		2003						
Hydrobiidae	GAS	8	Mackie, White, and Zdeba 1980		HYDROB	Hydrobiidae				FALSE		2000						
Ilyodrilus templetoni	OLIT	4	Kathman and Brinkhurst 1998	Askegaard 2003	ILYTEMP	Ilyodrilus	templetoni		(Southern)	FALSE		1997					2	2
Immature lumbricid	OLIL				LUMIMM					FALSE		1997						
Immature tubificid	OLIT	4	Kathman and Brinkhurst 1998		TUBIMM	Immature tubificid				FALSE		1997						
Immature tubificid with hairs	OLIT	4	Kathman and Brinkhurst 1998		TUBIMMW	Immature tubificid	tubificid with hairs			FALSE		1997						
Immature tubificid without hairs	OLIT	4	Kathman and Brinkhurst 1998		TUBIMMO	Immature tubificid	tubificid without hairs			FALSE		1997						
Isochaetides freyi	OLIT	4	Kathman and Brinkhurst 1998		ISOFREY	Isochaetides	freyi		(Brinkhurst)	FALSE		1998					1	1
Isopoda	ISO				ISOPOD	Isopoda				FALSE		1998						
Limnodrilus angustipenis	OLIT	4	Kathman and Brinkhurst 1998		LIMANGU	Limnodrilus	angustipenis			FALSE		1998						
Limnodrilus cervix	OLIT	4	Kathman and Brinkhurst 1998	Kathman 2002	LIMCERV	Limnodrilus	cervix		Brinkhurst	FALSE		1999					2	2
Limnodrilus cervix/claparedeianus	OLIT	4	Kathman and Brinkhurst 1998	Askegaard 2005	LIMCCL	Limnodrilus	cervix/claparedeianus			FALSE		2000					2	2
Limnodrilus claparedeianus	OLIT	4	Kathman and Brinkhurst 1998	Kathman 2002	LIMCLAP	Limnodrilus	claparedeianus		Ratzel	FALSE		2000					2	2
Limnodrilus hoffmeisteri	OLIT	4	Kathman and Brinkhurst 1998	Kathman 2002	LIMHOFF	Limnodrilus	hoffmeisteri		Claparede	FALSE		1997					3	3
Limnodrilus profundicola	OLIT	4	Kathman and Brinkhurst 1998		LIMPROF	Limnodrilus	profundicola		(Verrill)	FALSE		1997					1	1
Limnodrilus udekemianus	OLIT	4	Kathman and Brinkhurst 1998		LIMUDEK	Limnodrilus	udekemianus		Claparede	FALSE		1998					2	2
Lumbricid fragment	OLIL				LUMFRAG					FALSE		1997						
Lymnaeidae	GAS	8	Mackie, White, and Zdeba 1980		LYMNAE	Lymnaeidae				FALSE		2000						
Manayunkia speciosa	POL	9	Thorp and Covich 2001, Smith 2001		MANSPEC	Manayunkia	speciosa		Leidy	FALSE		1998						
Micropectra sp.	DIPC	3	Epler 2001		MICSP	Micropectra			Kieffer	FALSE		1997						
Microtendipes pedellus group	DIPC	3	Epler 2001	Epler 2005	MICPEDE	Microtendipes	pedellus group			FALSE		2000						
Microtendipes sp.	DIPC	3	Epler 2001		MITSP	Microtendipes				FALSE		1999						
Monodiamesa sp.	DIPP	3	Wiederholm 1983		MONSP	Monodiamesa			Kieffer	FALSE		1999						
Monodiamesa tuberculata	DIPP	3	Saether 1973	Epler 2004	MONTUBE	Monodiamesa	tuberculata		Saether	FALSE		2003						
Musculium/Sphaerium	BIV	9	Mackie, White, and Zdeba 1980		MUSSPH	Musculium/Sphaerium				FALSE		2000						
Mysis relicta	MAL	7	Thorp and Covich 2001, Smith 2001		MYRELIC	Mysis	relicta		Loven	FALSE		1997						
Naidid fragment	OLIN	4	Kathman and Brinkhurst 1998	Askegaard 2004	NAIFRAG	Naidid fragment				FALSE		1999						
Nais communis	OLIN	4	Kathman and Brinkhurst 1998	Askegaard 2004	NAICOMM	Nais	communis		Piguet	FALSE		2003					2	1
Nais simplex	OLIN	4	Kathman and Brinkhurst 1998	Askegaard 2003	NAISIMP	Nais	simplex		Piguet	FALSE		2003					2	1
Nais variabilis	OLIN	4	Kathman and Brinkhurst 1998	Askegaard 2003	NAIVARI	Nais	variabilis		Piguet	FALSE		2000					2	1
Nemertea	NEM	12	Thorp and Covich 2001, Smith 2001	Askegaard 2003	NEMERT	Nemertea				FALSE		2000						
No Species			Tag for sites with no species															

Paralauterborniella nigrohalteralis	DIPC	3 Epler 2001	Epler 2004	PALNIGR	Paralauterborniella	nigrohalteralis	(Malloch)	FALSE	2003	
Paralauterborniella sp.	DIPC	3 Epler 2001		PALSP	Paralauterborniella	sp.	Lenz	FALSE	1999	
Paramerina sp.	DIPT			PAMSP	Paramerina	sp.		FALSE	1999	
Paranis frici	OLIN	Kathman and Brinkhurst 1998	Askegaard 2004	PARFRIC	Paranis	frici		FALSE	1998	2
Paratanytarsus sp.	DIPC	3 Epler 2001	Epler 2004	PAYSP	Paratanytarsus	sp.	Thienemann and Bause	FALSE	2003	
Paratendipes sp.	DIPC	3 Epler 2001		PATSP	Paratendipes	sp.	Kieffer	FALSE	1998	
Phalodrilus hallae	OLIT	4 Kathman and Brinkhurst 1998		THAHALL	Phalodrilus	hallae	Cook and Hiltunen	TRUE	1999 2001	see Erseus (1992) for name change
Physa sp.	GAS	8 Mackie, White, and Zdeba 1980		PHYSP	Physa	sp.		FALSE	2000	
Piguetiella blanci	OLIN	4 Kathman and Brinkhurst 1998	Askegaard 2004	PIGBLAN	Piguetiella	blanci	Dransauud	FALSE	2004	2
Piguetiella michiganensis	OLIN	4 Kathman and Brinkhurst 1998	Askegaard 2004	PIGMICH	Piguetiella	michiganensis	Hiltunen	FALSE	2003	2
Piscicola geometra	HIR	10 Klemm 1985	Askegaard 2003	PISGEOM	Piscicola	geometra	(Linnaeus)	FALSE	2000	
Piscicola milneri	HIR	10 Klemm 1985	Askegaard 2003	PISMLN	Piscicola	milneri	(Verrill)	FALSE	2001	
Piscicola milneri/geometra	HIR	10 Klemm 1985		PISMLNG	Piscicola	milneri/geometra		FALSE	2000	
Piscicola sp.	HIR	10 Klemm 1985		PISSP	Piscicola	sp.		FALSE	2001	
Pisidium sp.	BIV	9 Mackie, White, and Zdeba 1980		PIDSP	Pisidium	sp.		FALSE	2000	
Polycentropus sp.	TRI			POCSP	Polycentropus	sp.		FALSE	1997	
Polypedium halterale group	DIPC	3 Epler 2001	Epler 2005	POLHALTG	Polypedium	halterale group		FALSE	2004	
Polypedium scaeaenum group	DIPC	3 Maschwitz and Cook 2000	Epler 2003	POLSCAL	Polypedium	scaeaenum group		FALSE	2001	
Polypedium sp.	DIPC	3 Epler 2001		POLSP	Polypedium	sp.	Kieffer	FALSE	1997	
Polypedium tuberculatum	DIPC	3 Maschwitz and Cook 2000	Epler 2003	POLTUBE	Polypedium	tuberculatum	Maschwitz and Cook	FALSE	2000	
Potamothenix bavaricus	OLIT			POTBAVA	Potamothenix	bavaricus		FALSE	1999	
Potamothenix bedoti	OLIT	4 Kathman and Brinkhurst 1998		POTBEDO	Potamothenix	bedoti	(Piguet)	FALSE	1998	2
Potamothenix moldaviensis	OLIT	4 Kathman and Brinkhurst 1998		POTMOLD	Potamothenix	moldaviensis	Vejkovsky and Mrazek	FALSE	1997	2
Potamothenix vejvodskyi	OLIT	4 Kathman and Brinkhurst 1998		POTVEJD	Potamothenix	vejvodskyi	(Hrabe)	FALSE	1997	2
Potthastia sp.	DIPT			POHSP	Potthastia	sp.		FALSE	1999	
Pristina aequiseta	OLIN	4 Kathman and Brinkhurst 1998		PRIAEQU	Pristina	aequiseta	Bourne	FALSE	1999	2
Pristina acuminata	OLIN	4 Kathman and Brinkhurst 1998	Askegaard 2005	PRIACUM	Pristina	acuminata	Liang	FALSE	2004	2
Pristinella acuminata	OLIN	4 Kathman and Brinkhurst 1998		PRLACUM	Pristinella	acuminata	(Liang)	TRUE	1999 2005	see Collado & Schmelz (2000) for name char
Procladius sp.	DIPT	3 Epler 2001		PRCSP	Procladius	sp.	Skuse	FALSE	1997	
Protanypus sp.	DIPT	3 Wiederholm 1983		PROSP	Protanypus	sp.	Kieffer	FALSE	1998	
Quistadrilus multisetosus	OLIT	4 Kathman and Brinkhurst 1998		QUIMULT	Quistadrilus	multisetosus	(Smith)	FALSE	1998	2
Rhyacodrilus coccineus	OLIT	4 Kathman and Brinkhurst 1998	Kathman 2003	RHYCOCC	Rhyacodrilus	coccineus	(Vejdovsky)	FALSE	2000	2
Rhyacodrilus sodalis	OLIT			RHYSDOA	Rhyacodrilus	sodalis		FALSE	1999	1
Slavina appendiculata	OLIN	4 Kathman and Brinkhurst 1998		SLAAPPE	Slavina	appendiculata	(d'Udekem)	FALSE	1998	2
Specaria josinae	OLIN	4 Kathman and Brinkhurst 1998		SPEJOSI	Specaria	josinae	(Vejdovsky)	FALSE	1998	2
Sphaeriidae	BIV	9 Mackie, White, and Zdeba 1980		SPHAER	Sphaeriidae			FALSE	1997	
Spirosperma ferox	OLIT	4 Kathman and Brinkhurst 1998		SPIFERO	Spirosperma	ferox	Eisen	FALSE	1997	1
Spirosperma nikolskyi	OLIT	4 Kathman and Brinkhurst 1998	Askegaard 2003	SPINIKO	Spirosperma	nikolskyi	(Lastochkin and Sokolskaya)	FALSE	2000	2
Stagnicola sp.	GAS	8 Mackie, White, and Zdeba 1980	Askegaard 2003	STASP	Stagnicola	sp.	Leach	FALSE	2001	
Stempellinella sp.	DIPC			STESP	Stempellinella	sp.		FALSE	1998	
Stephensoniana trivandrana	OLIN	4 Kathman and Brinkhurst 1998	Askegaard 2004	STETRIV	Stephensoniana	trivandrana	(Aiyer)	FALSE	2003	1
Stictochironomus sp.	DIPC	3 Epler 2001	Epler 2005	STISP	Stictochironomus	sp.	Kieffer	FALSE	2004	
Stylaria lacustris	OLIN	4 Kathman and Brinkhurst 1998		STALACU	Stylaria	lacustris	(Linnaeus)	FALSE	1998	2
Stylodrilus heringianus	OLIL	4 Kathman and Brinkhurst 1998	Askegaard 2003	STYHERI	Stylodrilus	heringianus	Claparede	FALSE	1997	
Tanytarsus sp.	DIPC	3 Epler 2001		TANSP	Tanytarsus	sp.	Wulp	FALSE	1997	0
Tasserkidrilus americanus	OLIT	4 Kathman and Brinkhurst 1998		TASAMER	Tasserkidrilus	americanus	(Brinkhurst and Cook)	FALSE	1998	0
Tasserkidrilus superiorensis	OLIT	4 Kathman and Brinkhurst 1998		TASSUPE	Tasserkidrilus	superiorensis	(Brinkhurst and Cook)	FALSE	1999	0
Thalassodrilus hallae	OLIT	4 Kathman and Brinkhurst 1998		THAHALL	Thalassodrilus	hallae	(Cook and Hiltunen)	FALSE	2003	0
Thienemanniella sp.	DIPO	3 Epler 2001	Epler 2005	THESP	Thienemanniella	sp.	Kieffer	FALSE	2004	
Thienemanniola sp.	DIPC			THISP	Thienemanniola	sp.		FALSE	1999	
Tribelos jucundum	DIPC	3 Epler 2001	Epler 2003	TRBJUCU	Tribelos	jucundum	(Walker)	FALSE	2001	
Trichocorixa borealis	HET	2 Hungerford 1948, Hilsenhoff 1984		TRIBORE	Trichocorixa	borealis	Sailer	FALSE	2000	
Trichocorixa sp.	HET	2 Hungerford 1948, Hilsenhoff 1984		TRISP	Trichocorixa	sp.	Kirkaldy	FALSE	2003	
Trichoptera	TRI			TRICHO	Trichoptera			FALSE	1999	
Tricladida	TUR	13 Thorp and Covich 2001		TRCSP	Tricladida			FALSE	2001	
Tubifex tubifex	OLIT	4 Kathman and Brinkhurst 1998		TUBTUBI	Tubifex	tubifex	(Muller)	FALSE	1997	3
Tubificid fragment	OLIT			TUBIFRAG	Tubificid	fragment		FALSE	1997	3
Tubellaria	TUR	13 Thorp and Covich 2001		TURBEL	Tubellaria			FALSE	2000	
Uncinails uncinata	OLIN	4 Kathman and Brinkhurst 1998		UNCLINCI	Uncinails	uncinata	(Orsted)	FALSE	1997	2
Unid. Chironomidae	DIPC			CHIRON	Unid. Chironomidae			FALSE	1997	
Unid. Orthocladinae	DIPO			ORTHOC	Unid. Orthocladinae			FALSE	1997	
Unid. Tanypodinae	DIPT			TANYPO	Unid. Tanypodinae			FALSE	1997	
Unid. Tanytarsini	DIPC			TANYTA	Unid. Tanytarsini			FALSE	1997	
unknown	UNKN	15 Thorp and Covich 2001, Smith 2001		UNKN	unknown			FALSE	2000	
Valvata lewisi	GAS	8 Mackie, White, and Zdeba 1980	Askegaard 2003	VALLEWI	Valvata	lewisi	Currier	FALSE	2000	
Valvata sincera	GAS	8 Mackie, White, and Zdeba 1980	Askegaard 2003	VALSINC	Valvata	sincera	(Say)	FALSE	2000	
Valvata sincera/piscinalis	GAS	8 Mackie, White, and Zdeba 1980		VALSPI	Valvata	sp.	Muller	FALSE	2004	
Valvata sp.	GAS	8 Mackie, White, and Zdeba 1980		VALSP	Valvata	sp.		FALSE	2000	
Valvata tricarinata	GAS	8 Mackie, White, and Zdeba 1980	Askegaard 2003	VALTRIC	Valvata	tricarinata	Say	FALSE	2000	
Vejdovskya comata	OLIN	4 Kathman and Brinkhurst 1998	Askegaard 2005	VEJCOMA	Vejdovskya	comata	(Vejdovsky)	FALSE	1998	1
Vejdovskya intermedia	OLIN	4 Kathman and Brinkhurst 1998		VEJINTE	Vejdovskya	intermedia	(Bretschler)	FALSE	1998	1
Nais bretscheri	OLIN	4 Kathman and Brinkhurst 1998	Askegaard 2006	NAIBRET	Nais	bretscheri	Michaelsen	FALSE	2006	
Phaenopsectra obediens group	DIPC	3 Epler 2001	Epler 2006	PHAOBEDG	Phaenopsectra	obediens group		FALSE	2006	
Unionidae	BIV	9 Thorp and Covich 2001		UNIONI	Unionidae			FALSE	2005	