

Section C: Details of individual elements in the method

Table SC1. Composition of ecological groups.

Group	Taxa
1	Acroloxus, Armiger, Bathyomphalus, Gyraulius, Hippeutis, Physa, Planorbarius, Planorbis
2	Anodonta, Aplexa, Corbicula, Dreissena, Ferrissia, Lithoglyphus, Theodoxus, Unio, Valvata
3	Anisus, Pseudamnicola, Pseudanodonta, Segmentina, Viviparus
4	Aphelocheirus, Arctocorisa, Callicorixa, Dryopidae, Dytiscidae, Gomphus, Gyrinidae, Haliplidae, Hydraenidae, Hydrophilidae, Hygrobiidae, Naididae, Nepa, Noteridae, Notonecta, Paracorixa, Scirtidae
5	Ampharetidae, Ceratopogonidae, Chaoboridae, Dolichopodidae, Empididae, Gammaridae, Limoniidae, Psychodidae, Rhagionidae, Sciomyzidae, Tabanidae, Tubificidae
6	Athericidae, Dixidae, Ptychopteridae, Heptagenia, Elminthidae, Isoperla, Leuctra, Nemoura, Philopotamidae, Protonemura, Nemurella, Rhyacophilidae, Sericostomatidae, Amphinemura, Glossosomatidae, Goeridae
7	Baetis, Brachycercus, Ephemera, Ephemerella, Leptophlebia, Paraleptophlebia, Velia, Beraeidae, Brachycentridae, Calopteryx, Cordulegaster, Hydroptilidae, Lepidostomatidae, Leptoceridae, Limnephilidae
8	Caenis, Cloeon, Ecnomidae, Proclaeon, Centropetulum
9	Corixa, Cymatia, Gerris, Glaenocorisa, Hesperocorixa, Hydrometra, Ilyocoris, Mesovelia, Microvelia, Naucoris, Plea, Ranatra, Sigara, Argulidae, Phryganeidae, Micronecta
10	Bithynia, Physella, Pisidium, Potamopyrgus, Sphaerium, Lymnaea, Asellidae, Polychaeta, Chironomidae non Thummi-Plumosus, Lumbricidae, Lumbriculidae, Simuliidae
11	Aeshna, Anax, Cercion, Ceriagrion, Coenagrion, Cordulia, Crocothemis, Enallagma, Erythromma, Ischnura, Nehalennia, Orthetrum, Pyrrhosoma, Somatochlora, Sympecma, Sympetrum, Lestes, Libellula, Platycnemis
12	Dendrocoelum, Dugesia, Erpobdella, Glossiphonia, Haemopsis, Helobdella, Hemiclepsis, Piscicola, Planaria, Polycelis, Theromyzon, Trocheta
13	Atyidae, Cambaridae, Copepoda, Corophiidae, Crangonyctidae, Grapsidae, Janiridae, Limnadiidae, Mysidae, Palaemonidae, Talitridae
14	Culicidae, Muscidae, Stratiomyidae, Chironomidae Thummi-Plumosus, Ephydriidae, Syrphidae, Tipulidae
15	Hydropsychidae, Polycentropodidae, Psychomyidae

Table SC2. Taxa reference lists with base (B) and critical (C) taxa.

Taxon	Bg	BgK	Bk	BkK	Rg	Rk	Rzg
Acroloxus						C	C
Ancylus							C
Anisus	B		B			B	
Asellidae	B	B	B	B	B	B	B
Baetis	C	C		C			
Bithynia	B	B	B		B	B	B
Caenis					C	C	C
Calopteryx		C		C			C
Chironomidae non thummi-plumosus	B	B	B	B	B	B	B
Chironomidae thummi-plumosus	B		B			B	B
Cloeon	C	C	C	C		C	
Coenagrion					C		

Taxon	Bg	BgK	Bk	BkK	Rg	Rk	Rzg
Corophiidae					B		B
Crangonyctidae						B	
Dendrocoelum			B				B
Dreissena					B		B
Dugesia	B	B	B		B	B	B
Dytiscidae	B	B	B	B		B	
Ecnomidae					C		C
Elminthidae		C	C		C		
Erpobdella	B	B	B	B	B	B	B
Gammaridae	B	B	B	B	B	B	B
Gerris						C	
Glossiphonia	B	B	B	B	B	B	B
Goeridae	C						
Gyraulus	C	C	C	C	C	C	C
Haliplidae	C	C	C	C		C	C
Helobdella	B	B	B	B	B	B	
Hydrophilidae						B	
Hydropsychidae		C		C			C
Hydroptilidae					C		
Ischnura	C	C	C		C	C	C
Leptoceridae	C	C	C	C	C	C	C
Lymnaea	B	B	B	B	B	B	B
Micronecta					C	C	
Naididae		B	B	B	B	B	
Nemoura				C			
Notonecta	B		B				
Physa	B	B	B	B	B	B	
Piscicola					B	B	
Pisidium	B	B	B	B	B		B
Planorbis			C				
Polycentropodidae		C			C		
Psychomyidae							C
Rhyacophilidae	C						
Sialis				B			
Sigara	B	B	B	B		B	
Simuliidae		B		B			
Sphaerium	B	B	B	B	B		B
Theromyzon	B		B			B	
Tubificidae	B	B	B	B	B	B	B
Valvata	C		C	C	C	C	C