

Appendix 1. Fauna collected in the six studied temporary wetlands. EZZ, Ezzoubia; GGT, Garâa Guetma; GS1, Garâa Sejenane1; GS2, Garâa Sejenane2; GUE, Guetma; MCH, Majen Choucha.

Taxon	GUE	GS1	EZZ	GS2	GGT	MCH
Oligochaeta						
Oligochaeta undet.	x		x		x	
Hirudinea						
Erpobdellidae					x	
Hirudinidae						x
Gastropoda						
Hydrobiidae					x	
Lymnaeidae	x	x	x	x	x	x
Physidae			x		x	x
Planorbidae	x	x	x	x	x	x
Arachnida						
Eylaidae						
<i>Eylais</i> sp.		x	x	x	x	x
Hydrachnidae						
<i>Hydrachna</i> sp.		x		x		
Isopoda						
Asellidae			x	x		
Anostraca			x	x	x	
Chirocephalidae						
<i>Chirocephalus</i> sp.					x	
Notostraca		x	x	x		
Triopsidae						
<i>Lepidurus apus lubbocki</i> (Brauer, 1873)		x		x		
Ephemeroptera						
Baetidae						
<i>Cloeon</i> sp.		x	x	x		x
Odonata						
Lestidae						
<i>Lestes</i> sp.	x	x	x	x	x	x
Aeshnidae			x	x	x	x
Coenagrionidae						x
Libellulidae		x	x	x	x	x
Hemiptera						
Belostomatidae						
<i>Appasus</i> sp.						x
Corixidae						
<i>Corixa</i> sp.		x	x	x	x	x
Corixidae undet.	x	x	x	x	x	x
Naucoridae						
<i>Naucoris maculates</i> (Fabricius, 1798)	x		x			x
Notonectidae						
<i>Notonecta</i> sp.		x	x	x	x	x
Pleidae						
<i>Plea minutissima</i>						x
Gerridae	x					
Veliidae					x	
Coleoptera						
Gyrinidae undet.	x	x	x	x	x	
Haliplidae						
<i>Halipus</i> sp.	x	x	x		x	x

Taxon	GUE	GS1	EZZ	GS2	GGT	MCH
Hygrobiidae						
<i>Hygrobia</i> sp.					X	
Noteridae						
<i>Noterus</i> sp.	X		X	X	X	X
Dytiscidae						
<i>Agabus</i> sp.			X	X	X	X
<i>Bidessus</i> sp.			X	X		X
<i>Colymbetes</i> sp.					X	
<i>Cybister</i> sp.	X	X	X	X		X
<i>Dytiscus</i> sp.	X	X	X	X	X	X
<i>Hydrovates</i> sp.					X	
<i>Ilybius</i> sp.	X					
<i>Rhantus</i> sp.						X
<i>Yola</i> sp.			X			
Hydrophilidae						
<i>Berosus</i> sp.		X	X	X	X	X
<i>Enochrus</i> sp.		X	X	X	X	X
<i>Hydrobius</i> sp.				X	X	
<i>Laccobius</i> sp.				X		
<i>Limnoxenus</i> sp.	X					X
Helophoridae						
<i>Helophorus</i> sp.		X	X	X	X	
Hydrochidae						
<i>Hydrochus</i> sp.	X				X	
Hydraenidae						
<i>Ochthebius</i> sp.	X			X	X	X
Dryopidae						
<i>Dryops</i> sp.	X		X		X	X
Elmidae undet.	X			X		
Diptera						
Culicidae						
<i>Anopheles labranchiae</i> (Falleroni, 1926)	X		X	X		X
<i>Anopheles</i> sp.	X			X	X	
<i>Culex theileri</i> (Theobald, 1903)	X	X	X	X	X	X
Chaoboridae						
<i>Chaoborus</i> sp.	X	X	X	X	X	X
Chironomidae	X	X	X	X	X	X
Ceratopogonidae						
<i>Dasyhelea</i> sp.			X		X	
Ceratopogonidae undet.	X	X	X		X	X
Dixidae						
<i>Dixa</i> sp.	X		X	X	X	X
<i>Dixella</i> sp.	X	X	X	X	X	X
Tipulidae				X	X	
Limoniidae	X		X		X	
Ephydriidae					X	X
Psychodidae	X	X		X	X	
Stratiomyidae	X		X			
Syrphidae						
<i>Eristalis tenax</i> (Linné, 1758)	X					
Trichoptera						
Limnephilidae						
<i>Limnephilus</i> sp.	X	X	X	X	X	X

Taxon	GUE	GS1	EZZ	GS2	GGT	MCH
Actinopterygii						
Cyprinidae						
<i>Pseudophoxinus callensis</i> (Guichenot, 1850)			x			
Amphibia						
Salamandridae						
<i>Pleurodeles nebulosus</i> (Guichenot, 1850)	x	x	x	x		x
Bufonidae						
<i>Bufoes boulengeri</i> (Lataste, 1879)			x			
Discoglossidae						
<i>Discoglossus pictus</i> (Otth, 1837)	x	x	x	x		x