

River Invertebrate Monitoring Report



Species	Spring	Autumn
Beetles & Bugs		
<i>Elmis aenea</i>	3	49
<i>Limnius volckmari</i>	68	115
<i>Orectochilus villosus</i>	1	2
<i>Hydracarina</i>		5
Caddisflies		
<i>Agapetus</i>		18
<i>Hydropsyche pellucidula</i>	11	35
<i>Hydropsyche siltalai</i>	7	29
<i>Hydroptila</i>	9	
<i>Ithytrichia lamellaris</i>	6	28
<i>Lepidostoma hirtum</i>	6	
<i>Chaetopteryx villosa</i>	1	
<i>Drusus annulatus</i>	3	
<i>Potamophylax latipennis</i>	5	
<i>Odontocerum albicorne</i>	2	4
<i>Rhyacophila dorsalis</i>	3	2
<i>Sericostoma personatum</i>	3	12
Crustaceans		
<i>Asellus aquaticus</i>		7
<i>Gammarus</i>	613	1689
<i>Ostracod</i>		6
Damselflies		
<i>Calopteryx splendens</i>	2	2
Leeches & Flatworms		
<i>Erpobdella octoculata</i>	2	
<i>Glossiphonia complanata</i>	5	7
<i>Helobdella stagnalis</i>		2
<i>Polycelis felina</i>	3	4
Mayflies		
<i>Baetis</i>	58	
<i>Baetis niger</i>	2	
<i>Baetis rhodani</i>		63
<i>Baetis scambus</i>		45
<i>Centroptilum luteolum</i>		3
<i>Serratella ignita</i>	2	2
<i>Ephemera danica</i>	2	8
<i>Heptagenia sulphurea</i>	3	5
<i>Leptophlebiidae</i>	2	

Species	Spring	Autumn
Molluscs		
<i>Bithynia tentaculata</i>		2
<i>Potamopyrgus antipodarum</i>		10
<i>Anisus vortex</i>		1
<i>Sphaeriidae</i>		19
<i>Valvata piscinalis</i>		3
True flies		
<i>Orthoclaadiinae</i>		4
<i>Antocha</i>		9
<i>Simulium</i>		11
Worms		
<i>Oligochaeta</i>		3



River Meon - Mislingford Weir
2017

	Spring	Autumn
BMWP	148	128
ASPT	6.17	5.82
WHPT	156	144
ASPT	6.24	6.26
Number of Taxa	24	22
Riverfly - species	17	13
Riverfly - numbers	125	254
CCI	9.58	9.77
LIFE	7.93	8.12
PSI	71.74	73.08
SPEAR	44.50	33.82
TRPI	3	93.75
Saprobic	1.92	1.92

