

# River Invertebrate Monitoring Report



Species	Spring	Autumn
<b>Alderfly</b>		
<i>Sialis lutaria</i>		1
<b>Beetles &amp; Bugs</b>		
<i>Dytiscidae</i>		1
<i>Elmis aenea</i>	38	70
<i>Limnius volckmari</i>	89	113
<i>Riolus</i>		8
<i>Riolus subviolaceus</i>	1	
<i>Orectochilus villosus</i>		1
<b>Caddisflies</b>		
<i>Agapetus</i>	24	
<i>Hydropsyche pellucidula</i>		2
<i>Hydropsyche siltalai</i>	9	2
<i>Hydroptila</i>	2	
<i>Ithytrichia</i>	5	
<i>Athripsodes cinereus</i>		1
<i>Mystacides azurea</i>		7
<i>Glyptotaelius pellucidus</i>		1
<i>Limnephilidae</i>	1	
<i>Limnephilus lunatus</i>	2	
<i>Potamophylax</i>	4	
<i>Odontocerum albicorne</i>	4	1
<i>Polycentropus</i>		1
<i>Rhyacophila dorsalis</i>		1
<i>Sericostoma personatum</i>	4	3
<b>Crustaceans</b>		
<i>Gammarus</i>	869	894
<b>Damselflies</b>		
<i>Calopteryx splendens</i>	1	
<b>Leeches &amp; Flatworms</b>		
<i>Erpobdella octoculata</i>		2
<i>Glossiphonia complanata</i>	12	11
<b>Mayflies</b>		
<i>Baetis</i>	8	
<i>Baetis rhodani</i>		49
<i>Serratella ignita</i>	1	
<i>Ephemera danica</i>	8	12
<i>Heptagenia sulphurea</i>	6	10
<i>Rhithrogena</i>	29	
<i>Leptophlebiidae</i>	1	
<i>Paraleptophlebia submarginata</i>		2

Species	Spring	Autumn
<b>Molluscs</b>		
<i>Ancylus fluviatilis</i>	2	
<i>Bithynia tentaculata</i>		1
<i>Potamopyrgus antipodarum</i>	4	3
<i>Gyraulus albus</i>	1	
<b>Stoneflies</b>		
<i>Leuctra hippopus</i>		1
<b>True flies</b>		
<i>Chironominae</i>		10
<i>Orthoclaadiinae</i>		6
<i>Tanypodinae</i>	1	
<i>Antocha</i>	3	
<i>Dicranota</i>	5	1
<i>Ptychoptera contaminata</i>		2
<i>Simulium ornatum group</i>		127
<b>Worms</b>		
<i>Oligochaeta</i>	4	39



River Meon - Wickham  
2017  
SU 57314 11311

	Spring	Autumn
BMWP	131	147
ASPT	6.24	6.13
WHPT	129	163
ASPT	6.14	6.25
Number of Taxa	21	24
Riverfly - species	15	14
Riverfly - numbers	108	93
CCI	13.07	8.41
LIFE	7.92	7.93
PSI	77.50	61.82
SPEAR	51.43	26.29
TRPI	3	92.31
Saprobic	1.84	1.96

