

Table S2. Physico-chemical parameters of the Chaudanne River samples

Sample type	Sampling site	Temperature (°C)	pH	Conductance (µS/m)	Relative moisture (%) <sup>a</sup>
<i>Surface water (SW)</i>	1	3.2	7.2	0.324	-
	2	3.7	7.2	0.317	-
	3	4.0	7.4	0.312	-
	4	4.1	7.4	0.314	-
	5	4.6	7.4	0.312	-
	6	6.1	7.4	0.295	-
	7	7.0	7.4	0.298	-
	8	5.4	7.4	0.313	-
	8'	5.7	6.9	0.241	-
	9	6.3	7.5	0.311	-
	10	6.4	7.6	0.257	-
10'	5.8	6.8	0.265	-	
<i>Benthic sediment (BS)</i>	1	3.4	6.8	0.280	28.7
	2	-	-	-	29.5
	3	3.9	7.4	0.253	22.1
	4	4.1	7.4	0.299	19.3
	5	4.6	7.3	0.307	23.6
	6	-	-	-	31.5
	7	7.0	7.3	0.289	26.7
	8	5.5	7.4	0.310	25.9
	9	6.1	7.1	0.203	26.4
	10	5.7	6.7	0.235	28.2
	10'	5.8	6.7	0.184	23.9
<i>Hyporheic sediment (HS)</i>	1	4.2	6.8	0.565	28.6
	2	4.3	7.0	0.370	36.2
	3	4.4	7.3	0.310	26.3
	4	4.5	7.4	0.316	25.6
	5	4.8	7.5	0.305	33.1
	6	5.5	7.4	0.311	26.4
	7	-	-	-	31.9
	8	5.7	7.4	0.295	26.9
	9	6.1	6.5	0.601	27.2
	10	6.1	6.8	0.236	25.1

<sup>a</sup> % water per g