

A modification of the leaf-nets method for sampling benthic invertebrates in spring habitats

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Supplementary Tab. 1. List and abundance of macroinvertebrate taxa collected with Surber net and the new leaf-nets sampling device in the Vera spring (Abruzzo, Central Italy). Numbers refer to individuals *per* 0.54 m² of sampling area.

Taxon	FFG	Surber net				Leaf-nets			
		Sn 1	Sn 2	Sn 3	Sn 4	LN 1	LN 2	LN 3	LN 4
Lumbricidae	CG	4	5	7	3	6	0	3	0
Lumbriculidae	CG	92	113	108	90	0	0	0	0
Hydrachnidia	PR	8	2	12	12	11	6	2	8
<i>Elmis aenea</i>	CG	20	18	62	56	0	2	5	2
Chironomidae	CG	16	9	29	9	216	74	50	60
Limoniidae	PR	0	2	1	8	0	0	0	0
Psychodidae	SC	0	1	0	0	3	0	0	1
Simuliidae	CF	0	0	0	0	1	0	0	0
Stratiomyidae	CG	0	0	2	0	0	0	0	0
<i>Tipula</i> sp.	SH	0	0	1	1	2	2	1	4
<i>Baetis rhodani</i>	CG	101	67	85	34	3	1	3	1
<i>Ecdyonurus venosus</i>	SC	9	5	3	6	2	0	1	0
<i>Rhithrogena semicolorata</i>	SC	53	17	16	7	0	0	0	0
<i>Leuctra fusca</i>	SH	13	3	14	6	26	0	0	2
<i>Protonemura</i> spp.	SH	5	5	17	12	24	8	11	3
<i>Perla grandis</i>	PR	0	0	1	0	0	0	0	0
<i>Isoperla saccai</i>	PR	23	8	16	13	1	1	2	0
Glossosomatidae	SC	0	0	0	0	1	0	0	0
Lepidostomatidae	SH	0	0	1	0	2	0	1	0
<i>Drusus aprutiensis</i>	SH	295	327	389	385	32	11	7	9
Polycentropodidae	PR	1	3	1	0	4	0	0	0
Psychomyidae	CF	0	4	16	14	0	0	0	0
<i>Rhyacophila foliacea</i>	PR	4	4	4	4	0	0	0	0
<i>Sericostoma italicum</i>	SH	7	20	13	10	6	2	4	1
<i>Gammarus elvirae</i>	SH	3412	2325	3366	1485	947	717	403	289
<i>Niphargus</i> sp.	SH	61	35	19	15	4	0	0	0
Ostracoda	CG	0	0	0	2	0	0	0	0
<i>Ancylus fluviatilis</i>	SC	22	28	35	18	0	0	0	1
<i>Belgrandia minuscula</i>	SC	2399	2708	2313	1436	1411	757	1030	1300
<i>Bythinella schmidti</i>	SC	10	9	10	3	100	17	18	32
Nematoda	PA	1	0	0	0	0	0	0	0
<i>Schmidtea polychroa</i>	PR	39	114	38	28	0	120	100	50
Elminthidae (larvae)	SC	372	260	289	221	6	7	3	4
Chironomidae (pupae)	-	0	0	0	0	1	0	0	0

FFG, Functional Feeding Group; CG, collector gatherers; CF, collector filterers; SC, scrapers/grazers; SH, shredders; PR, predators.