

DIN EN 16150:2012-07 (E)

Water quality - Guidance on pro-rata Multi-Habitat sampling of benthic macro-invertebrates from wadeable rivers

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Description of the sampling approach	6
5	Field sampling procedures	7
5.1	Factors limiting effective Multi-Habitat-Sampling (MHS)	7
5.2	Estimation of habitat composition	7
5.3	Allocation of sampling units	7
6	Detailed description of sampling procedures	8
6.1	General recommendations for sampling	8
6.2	Megalithal (bedrock and boulders)	9
6.3	Macrolithal and mesolithal (cobbles, stones, pebbles)	9
6.4	Microlithal and smaller mineral substrates	9
6.5	Xylal (woody debris)	9
6.6	Roots	10
6.7	Coarse Particulate Organic Matter (CPOM/leaf litter)	10
6.8	Macrophytes (emergent and submerged)	10
6.9	Technolithal	10
7	Sample treatment	10
7.1	Removal of large material and sorting	10
7.2	Removal of large organisms	10
7.3	Storage	10
7.4	Labelling	10
7.5	Refining the site-protocol	11
Annex A (informative)	Sampling protocols	12
Bibliography		14