

Supplementary S1

Table S1. The list of habitat attributes based on the point scale and spot-check-key and the values of the hydromorphological indices obtained by the application of the River Habitat Survey (RHS) method in the Krapiel River (Poland) (*the habitat attributes and hydromorphological indices selected to the redundancy analysis RDA)

Habitat attributes/values of the hydromorphological indices	Point scale (ranges)
Physical attributes of the channel features	
*Exposed boulders	0-1
Vegetated rock	0-2
Unvegetated mid-channel bar	0-3
*Vegetated mid-channel bar	0-4
Physical attributes of the predominant substrate	
Boulders	0-5
Cobbles	0-4
*Gravel	0-7
Sand	0-4
Silt	0-1
Marginal and bank features	
*Eroding cliff	0-3
Stable cliff	0-1
Vegetated point bar	0-7
Unvegetated side bar	0-8
Vegetated side bar	0-3
Predominant flow-type	
Chute flow-type	0-6
Broken standing waves	0-5.5
Unbroken standing waves	0-5
Rippled	0-9
Channel vegetation types	
Liverworts/mosses/lichens	0-3
Emergent broad-leaved macrophytes	0-4
Emergent narrow-leaved macrophytes	0-8
*Submerged linear-leaved macrophytes	0-3
Hydromorphological indices	
*The Habitat Quality Assessment (HQA) index	22-57
*The Habitat Modification Score (HMS) index	0-34
*The River Habitat Quality (RHQ).	86.31-143.95
*The River Habitat Modification (RHM) index	0-35.2