

Appendix 2: Raw Habitat data

Tables showing the raw habitat data for 2008 and 2010, including physiochemical data, habitat information, habitat quality assessment, Pfankuch stability index and habitat quantity assessment, are shown below.

No bottom data - organic & inorganic are missing

Habitat and water quality data 2010

Table with columns for Site Name, Date, and various water quality and habitat metrics. The table is organized into sections: Water Quality Data, Flank Stability Index, and Habitat data. It contains numerous rows of numerical and categorical data across 28 sites.

Qualitative Assessment																																			
Habitat abundance	17	15	13	10	13	16	10	13	13	8	16	17	18	17	0	15	15	8	6	2	10	13	16	16	10	14	18	5	8	8	16	18	8	13	17
Habitat diversity	18	13	14	10	11	18	10	14	13	8	14	18	15	8	1	13	13	8	6	2	10	13	16	18	10	14	18	8	8	7	16	18	6	15	17
Hydrologic heterogeneity	11	5	8	1	10	18	8	7	3	11	16	8	16	8	1	10	13	8	5	6	19	8	16	20	2	10	18	8	10	18	18	15	14	16	5
Channel alteration	18	16	18	8	16	14	8	18	6	15	20	14	13	11	16	13	13	10	10	11	19	6	15	7	11	8	15	13	5	13	15	13	16	12	
Bank stability	14	6	12	12	20	16	11	8	8	16	20	19	14	10	14	14	14	14	8	10	15	18	16	13	4	10	8	10	14	16	14	15	0	17	18
Channel shade	9	10	8	1	13	18	0	3	2	11	11	9	8	10	0	18	10	0	1	1	6	13	8	8	14	2	11	18	1	10	18	8	5	1	15
Riparian vegetation	4	12	8	4	15	14	0	4	2	4	16	20	3	0	0	10	4	0	8	2	6	6	2	4	1	0	0	12	4	4	6	8	0	12	14
TOTAL	90	77	81	46	101	114	47	67	47	66	108	111	88	66	27	96	83	51	44	33	77	90	80	94	46	61	81	76	58	68	101	97	46	90	98
Quantitative assessment																																			
Flow type																																			
%Pul	75	100	0	0	0	12.5	0	0	0	40	20	0	20	40	0	80	6.25	0	0	100	0	100	0	100	0	40	37.5	0	16.66667	25	12.5	0	0	0	0
%Rfb	12.5	0	20	0	60	50	0	12.5	0	20	40	20	20	0	0	20	6.25	40	20	0	0	0	40	12.5	0	20	30	0	50	37.5	0	0	16.66667	0	0
%Run	12.5	0	60	100	40	0	100	87.5	100	40	40	80	40	50	100	0	81.25	80	80	0	70	0	20	62.5	0	80	80	16.66667	25	87.5	70	83.33333	100	0	0
%Waterfall/cha	0	0	20	0	0	36	0	0	0	0	0	0	0	0	0	0	6	0	0	0	30	0	0	25	0	0	30	13	20	17	13	0	30	0	0
Mean depth	0	0	0.5	1.92	0.342	0.475	0.49	1	1.5	0.38	0.34	0.89	0.49	1.34	0.8	0.902	0.975	0.32	1.68	0.6	0.4	1	0.42	1	1	0.36	0.66	0.575	0.7	0.2833333	0.525	0.6	0.5	1.486667	1
Mean width	18.75	10.75	25	7.6	14.06	4	5.66	15	15	10.5	11.94	15.6	7.62	7.9	6	6.18	26	8.12	7.5	7.2	7.64	13.75	11.18	24	4.2	2.94	8.92	15.5	22	4.0333333	6.375	5	6.6	14.98667	21.75
Organic substrate																																			
%Bedrock	0																																		
% Boulder	50																																		
% Cobble	50																																		
%Gravel	0																																		
%Sand	0																																		
%Hard clays	0																																		
%Mud	0																																		
Organic substrate																																			
%Cen	0																																		
%Dy	0																																		
%Mac	0																																		
%Alga	100																																		
%Woody debris	0																																		
%Tree roots	0																																		
%None	0																																		
Bank type																																			
%Ear	100																																		
%Rock	0																																		
%Mx	0																																		
%Mud	0																																		
Bank Stability																																			
%Stable	87.5																																		
%Unstable	12.5																																		
Riparian canopy																																			
%Artificial shading	0																																		
%Mature native	0																																		
%Young native	12.5																																		
%Exotic tree/shrub	0																																		
%Exotic plantation	0																																		
%None	87.5																																		
Riparian understory																																			
%Artificial shading	0																																		
%Dense native	0																																		
%Thin native	12.5																																		
%Dense exotic	0																																		
%Thin exotic - pasture & weeds	82.5																																		
%None - bare ground	25																																		