

Appendix 4.4: Quantitative description of the habitat composition at the selected sampling sites (August 1997).

Transect Nr.	BIOTOPE	SUBSTRATE	FLOW		DEPTH	
			TYPE	CLASS	CLASS	RANGE (mm)
LOCALITY 1						
1	Run	C (G, S)	4 (2, 3)	Slow	Shallow	200 - 335
2	Run	C (B, Br)	4 (2)	Slow	Shallow	20 - 105
3	Pool	G (B, M, S)	2	Slow	Shallow - Deep	130 - 980
4	Pool	S (G)	2	Slow	Deep	230 - 1310
5	Pool (Backwater)	M (G)	2 (1)	Slow	Deep	590 - 1630
6	Pool	B (S)	1 (2)	Slow	Shallow - Deep	60 - 790
7	Pool	C (Br, S, M)	1 (2)	Slow	Shallow - Deep	230 - 700
8	Pool	Br (S, Si)	2 (1)	Slow	Shallow	200 - 495
9	Run	Br (B, S, Si)	4 (1)	Slow	Shallow - Deep	40 - 2800
10	Rapid	Br (B, C)	5 & 6 (4)	Slow - Fast	Shallow	10 - 90
11	Rapid	Br	5 & 6	Fast	Shallow	20 - 50
12	Run	Br	4 (5)	Fast	Shallow	85 - 120
13	Run	M (B, G)	4 (2)	Slow	Deep	500 - 630
LOCALITY 2						
1	Pool	Si (B)	2	Slow	Shallow - Deep	40 - 1600
2	Glide	B (Si)	3	Slow	Shallow	120 - 495
3	Rapid	B	5 (6)	Fast	Shallow	30 - 450
4	Rapid	B (C, G)	6 (4, 5)	Fast	Shallow	25 - 400
5	Glide	B (C)	3	Slow	Shallow	180 - 490
LOCALITY 3						
1	Rapid	B	6 (5, 2, 3)	Slow	Shallow	70 - 300
2	Run	C (B)	4 (2, 3)	Slow	Deep	300 - 775
3	Run	B (C)	4 (3, 6, 7)	Slow - Fast	Shallow - Deep	70 - 750
4	Glide	C (M, B)	3 (2, 1)	Slow	Deep	580 - 800
5	Glide	C (M)	3 (2)	Slow	Deep	350 - 660
6	Chute	B (C, M, G)	3 (1)	Slow	Deep	330 - 800
7	Riffle	C (B, S)	6 (1, 4, 5)	Fast	Shallow	5 - 230
8	Rapid	B (S, C)	6 (3, 1)	Fast	Shallow	50 - 290
9	Rapid	C & B (M)	6 (5, 3, 1)	Fast	Shallow	60 - 230
10	Glide	C (B, G, S, M)	3 (1)	Slow	Shallow - Deep	120 - 1100
11	Run	S (C, M)	3 & 4 (2)	Slow - Fast	Shallow	60 - 200
LOCALITY 4						
1	Run	B (C, M)	4 (1, 3, 5)	Slow - Fast	Shallow - Deep	70 - 930
2	Rapid	B (C)	6 (3, 4, 1)	Slow - Fast	Shallow - Deep	120 - 740
3	Run	B (C)	4 (1, 2, 3)	Slow	Shallow	70 - 320
4	Rapid	B	6 (4)	Fast	Deep	310 - 700
5	Pool	B	2 (3)	Slow	Deep	205 - 1900
6	Glide	B (C)	3	Slow	Deep	120 - 1200
LOCALITY 5						
1	Riffle	C (B, M)	5 (6)	Slow - Fast	Deep	900 - 2050
2	Rapid	B	5 (6)	Fast	Shallow	40 - 350
3	Rapid	B (C)	6 (5)	Fast	Shallow	70 - 380
4	Run	B (C, M)	4	Slow - Fast	Deep	1200 - 2070
5	Run	B (S)	4	Slow - Fast	Deep	1630 - 2090
6	Run	B (C, G)	4	Fast	Shallow - Deep	90 - 500
7	Rapid	B (C, G)	5 (4, 6)	Fast	Shallow - Deep	220 - 400

Br - Bedrock B - Boulders C - cobbles G - Gravel S - Sand M - Mud

Appendix 4.4 (Continue).

Transect Nr.	BIOTOPE	SUBSTRATE	FLOW		DEPTH	
			TYPE	CLASS	CLASS	RANGE (mm)
LOCALITY 6						
1	Glide	S (B, Clay)	3 (1)	Slow - Fast	Shallow - Deep	230 – 2240
2	Glide	Clay (B, S)	3	Slow - Fast	Shallow - Deep	10 – 2160
3	Glide	Sa (Clay, B)	3	Slow - Fast	Deep	550 – 2560
4	Riffle	C (B)	5 (6)	Fast	Shallow	180 – 360
5	Run	C (G, B)	4 (6)	Fast	Shallow	70 – 290
6	Rapid	B (C, S)	6 (4)	Fast	Shallow	180 – 300
LOCALITY 7						
1	Run (Rapid)	B (C, G)	4 (5)	Fast	Shallow	9 – 320
2	Rapid	B (C)	6 (4, 5)	Fast	Shallow (Deep)	90 – 500
3	Rapid	B (C, G)	6 (4, 5)	Fast	Shallow (Deep)	90 – 550
4	Glide	S (Si, C, B)	3 (4)	Slow	Deep	350 – 2010
5	Run	S (C, B)	4 (3)	Slow	Deep	505 - 2120
LOCALITY 8						
1	Run (Rapid)	B (G, S)	4 (3, 5, 6)	Fast	Shallow - Deep	20 – 800
2	Rapid (Chute)	B (G)	6 (3, 4, 5)	Fast	Shallow - Deep	30 – 850
3	Glide	S (G)	3 (1)	Fast	Deep	300 – 1500
4	Glide	S (G, Clay)	3 (1, 4)	Fast (Slow)	Deep	380 – 1640
LOCALITY 9						
1	Run (Pool)	S (B, Clay)	4 (2)	Fast (Slow)	Deep (Shallow)	280 – 2470
2	Run (Glide)	B (S, Clay)	4 (3, 2)	Fast (Slow)	Deep	520 – 2300
LOCALITY 10						
1	Run	B (G, S)	4 (2)	Fast	Shallow	175 – 360
2	Run	B (S, G, C)	4 (1, 3)	Fast	Shallow	200 – 330
3	Rapid (Riffle)	B (C, G, S)	5 (4, 3, 2)	Fast	Shallow	70 – 260
4	Run (Rapid)	B (S)	4 (5)	Fast	Shallow	110 – 250
5	Backwater (Pool)	B (G, C, S)	1 (2)	Slow	Deep	540 – 1800
6	Pool (Backwater)	B	2 (1)	Slow	Deep (Shallow)	200 – 2100

Br – Bedrock B – Boulders C – cobbles G – Gravel S – Sand M – Mud