

1. Use more water

LORIE STROUT - FISHERS DID 10/10/01, 2003

Nantahala and Pisgah National Forests BVET Habitat Survey, 2003

DAVIDSON RIVER

Stream Name: Davidson River
 District: Pisgah
 Quad: Shining Rock
 Date: 8/6/03

Recorder: Beth Suttles
 Observer: Jon Marchal
 Start GPS:

Start Location: JM#2
 (Below Island)
 Notes: 9:30-4:30

PROJECT 3 Basin wide visual Estima
 * BVET visual Estima Technique

Unit	Unit #	Dist (m)	Width Est (m)	Depth (cm)			Substrate		Ros-gen	% fines	LWD					Width Act (m)	Width Chan (m)	Riparian (m)		Grad (%)	Temp (C)	Comments
				Max	Ave	RCD	Dom	Sub			1	2	3	4	RW			L	R			
RN	38	28.9	13	60	40	65	7	8		15	6	2	7	2	3							BRD on L @ 18.3 Begins Seep on R @ 28.9
P	21	67.2	13	110	85		7	4		40	5	1	4	1	1							
R	39	154	16	80	55		7	8		7	22	14	21	5	5							BRD on R @ 83.3 Begins Debris Jam @ 83.3 BRD on L @ 106.5 Ends BRD on R @ 141.9 Ends ↑ (sediment filled channel)
RN	(40)	228.6	16.5	75	40		7	8		17	∅	1	1	1	5	17	21.1	2.5	2.7	1.5		
R	41	282.3	16	50	30	50	7	8		12	9	2	8	∅	∅							
P	22	396.4	16	170	95		4	7		55	3	1	2	∅	∅							Erosion on R @ 345+0 396
R	42	475.9	17	45	30	45	7	8		5	2	1	7	∅	2							
P	23	514.5	15	120	80		4	6		50	5	∅	5	2	∅							Debris Jam @ 514.5
R	43	591.1	17	50	35	45	7	8		5	5	2	5	2	3							
P	24	657.2	16	130	100		4	6		60	13	1	12	∅	2							Small BRD on L @ 649.4 Begins
R	44	752.9	15	85	25	50	7	8		7	7	1	11	∅	3							BRD on L @ 752.9 Ends
P	25	788.6	18	130	80		5	6		25	3	∅	3	∅	∅							
R	45	800.4	15	65	45	55	7	8		5	3	∅	5	2	∅							
P	26	855.6	15	90	65		4	8		75	7	1	10	2	1							
R	46	940.1	14	65	40	35	7	8		5	5	2	7	5	1							
P	27	1016.7	15	130	70		4	9		70	5	1	7	∅	1							
R	47	1086.2	16	100	60		7	8		25	5	∅	8	∅	1							
RN	48	1122.4	15	110	65		6	4		40	2	∅	3	∅	∅							Culvert on R @ 110.5
R	49	1272.8	18	130	40	30	7	8		7	5	1	12	3	3							old Cement wall @ 1203.2 R
P	28	1330.4	16	160	100		4	6		50	8	3	5	∅	∅							Seep on L @ 1302.3
RN	(50)	1355.9	16.5	60	40		7	8	B	7	∅	∅	1	∅	∅	18.3	19.6	15	0	2		
R	51	1469	14	65	45	50	7	8		5	3	∅	13	∅	∅							
P	29	1547.6	17	110	60		7	4		30	1	∅	5	∅	∅							Trib on L @ 1547.6 (1.8m wide) ↳ Shut-in BR
R	52	1556.8	14	55	40	55	7	8		5	∅	∅	∅	∅	∅							
P	(30)	1583.1	17	90	70		7	4		35	8	1	5	∅	∅	18.3						
R	53	1661.9	18	35	25		7	6		3	∅	6	∅	∅	∅							
RN	54	1723.4	17	90	60		7	6		7	3	1	7	2	2							Seep on L @ 1669 Seep on L @ 1687.3

BR
BM
NBAI

Stream Name: Davidson River			Recorder: Beth Suttles		Start Location: Below swinging B bridge		Date: 5.20.03		Observer: Jon Marchal		Notes:		10:45-3:00		Page 1 of 1		②						
District: Pisgah			Start GPS:		Width Act (m)		Width Chan (m)		Riparian (m)		Grad (%)		Temp (C)		Comments								
Unit	Unit	Dist	Width	Depth (cm)			Substrate		Ros-	%	LWD					Width	Width	Riparian (m)		Grad	Temp	Comments	
Type	#	(m)	Est (m)	Max	Ave	RCD	Dom	Sub	gen	finer	1	2	3	4	RW	Act (m)	Chan (m)	L	R	(%)	(C)		
G	6	237.5	11	120	65	-	7	6		17	2	2	12	1	3								Trib on R @ 6.8 (Starens Br)
																							Foot bridge @ 30.7
																							Tuber chute @ 25.4
RN	⑩	280.5	10	60	50	55	7	8	B	7	∅	∅	2	∅	∅	18.5	19.3	.5	1	2		Section 2 Begins @ 30.7	
G	7	317.8	11	65	45	-	7	8	B	7	∅	∅	∅	∅	∅								Tuber chute @ 452.1
R	11	452.1	10	70	45	35	7	8	B	10	1	∅	6	∅	∅								Bridge @ 490 Section 3
G	8	541	12	140	60	-	7	8	B	12	2	∅	4	∅	∅								V on L @ 530.8
																							Trib on R @ 541 (Thrift cove)
RN	12	676.1	11	70	50	40	7	8	B	10	8	∅	6	2	1								Tuber chute @ 562.6
																							Tuber chute @ 642.8
G	9	758.6	12	70	60	-	7	8	B	7	∅	∅	3	∅	∅								Tuber chute @ 780
R	13	805	11	65	40	35	7	8	B	12	∅	∅	∅	∅	∅								Tuber chute @ 801
																							Tuber chute @ 805
G	⑩	939.1	10	70	60	-	7	8	F	12	∅	3	2	∅	∅	19.2	22.8	1.9	1.6	0			Tuber chute @ 817.7
																							Tuber chute @ 869
																							Tuber chute @ 889
R	14	1011.3	11	70	45	35	7	8		10	6	1	7	1	∅								Tuber chute @ 943.3
																							Tuber chute @ 961
G	11	1209	12	90	65	-	7	8		10	7	1	6	1	∅								Tuber chute @ 1124.6
																							Tuber chute @ 1144.6
																							Trail erosion on L @ 1144.6
																							V on L @ 1179 w/ trail erosion
R	15	1263.8	10	70	45	35	7	8		7	∅	∅	∅	∅	∅								V on R @ 1234.5
G	12	1311.1	9	110	65	-	7	8		5	1	∅	1	1	∅								Bank erosion on L @ 1311.1
R	16	1398.7	10	75	40	-	7	8		5	4	∅	3	∅	∅								
RN	17	1404	10	65	40	-	7	8		5	∅	∅	∅	∅	1								English Chapel @ 1401.1
																							Exit - out of line @ 1404 @ 3:00

Total Distance in 2 Days = 2955.2 m = 1.8 mi

Nantahala and Pisgah National Forests BVET Habitat Survey, 2003

(S)

Stream Name: Davidson River		Recorder: Beth Suttles		Start Location: JM#2																			
District: Pisgah		Observer: Jon Marchal		Notes: (Below Island)																			
Quad: Shining Rock		Start GPS:		9:30-4:30																			
Date: 8/6/03																							
Unit	Unit #	Dist (m)	Width Est (m)	Depth (cm)			Substrate		Ros-gen	% fines	LWD					Width Act (m)	Width Chan (m)	Riparian (m)		Grad (%)	Temp (C)	Comments	
Typ				Max	Ave	RCD	Dom	Sub			1	2	3	4	RW			L	R				
RN	38	28.9	13	60	40	65	7	8		15	6	2	7	2	3								BRD on L @ 18.3 Begins Seep on R @ 28.9
P	21	67.2	13	110	85		7	4		40	5	1	4	1	1								
R	39	154	16	80	55		7	8		7	22	14	21	5	5								BRD on R @ 83.3 Begins Debris Jam @ 83.3 BRD on L @ 106.5 Ends BRD on R @ 141.9 Ends ↑ (sediment filled channel)
RN	(40)	228.6	16.5	75	40		7	8		17	∅	1	1	1	5	17	21.1	2.5	2.7	1.5			
R	41	282.3	16	50	30	50	7	8		12	9	2	8	∅	∅								
P	22	396.4	16	170	95		4	7		55	3	1	2	∅	∅								Erosion on R @ 345 to 396
R	42	475.9	17	45	30	45	7	8		5	2	1	7	∅	2								
P	23	514.5	15	120	80		4	6		50	5	∅	5	2	∅								Debris Jam @ 514.5
R	43	591.1	17	50	35	45	7	8		5	5	2	5	2	3								
P	24	657.2	16	130	100		4	6		60	13	1	12	∅	2								Small BRD on L @ 649.4 Begins BRD on L @ 752.9 Ends
R	44	752.9	15	85	25	50	7	8		7	7	1	11	∅	3								
P	25	788.6	18	130	80		5	6		25	3	∅	3	∅	∅								
R	45	800.4	15	65	45	55	7	8		5	3	∅	5	2	∅								
P	26	855.6	15	90	65		4	8		75	7	1	10	2	1								
R	46	940.1	14	65	40	35	7	8		5	5	2	7	5	1								
P	27	1016.7	15	130	70		4	9		70	5	1	7	∅	1								
R	47	1086.2	16	100	60		7	8		25	5	∅	8	∅	1								
RN	48	1122.4	15	110	65		6	4		40	2	∅	3	∅	∅								Colvert on R @ 1105
R	49	1272.8	18	130	40	30	7	8		7	5	1	12	3	3								old cement wall @ 1203.2 R
P	28	1330.4	16	160	100		4	6		50	8	3	5	∅	∅								Seep on L @ 1302.3
RN	(50)	1355.9	16.5	60	40		7	8	B	7	∅	∅	1	∅	∅	18.3	19.6	15	0	2			
R	51	1469	14	65	45	50	7	8		5	3	∅	13	∅	∅								Sections begins @ 1547
P	29	1547.6	17	110	60		7	4		30	1	∅	5	∅	∅								Trib on L @ 1547.6 (1.8m wide) ↑ (Shut-in BR)
R	52	1556.8	14	55	40	55	7	8		5	∅	∅	∅	∅	∅								
P	(50)	1583.1	17	90	70		7	4		35	8	1	5	∅	∅	18.3							
R	53	1661.9	18	35	25		7	6		3	∅	6	∅	∅	∅								
RN	54	1723.4	17	90	60		7	6		7	3	1	7	2	2								Seep on L @ 1669 Seep on L @ 1687.3

BM: NVA12

Nantahala and Pisgah National Forests BVET Habitat Survey, 2003

(6)

Stream Name: Davidson River
 District: Pisgah
 Quad: Shining Rock
 Date: 8/6/03

Recorder: Beth Suttles
 Observer: Jon Marchal
 Start GPS:

Start Location:
 Notes:

Unit Typ	Unit #	Dist (m)	Width Est (m)	Depth (cm)			Substrate		Ros-gen	% fines	LWD					Width Act (m)	Width Chan (m)	Riparian (m)		Grad (%)	Temp (C)	Comments		
				Max	Ave	RCD	Dom	Sub			1	2	3	4	RW			L	R					
R	55	1847.6	17	60	40	50	7	8		5	1	1	7	3	1									
P	31	1949.7	15	110	60		7	6		35	21	1	18	1	2									Culvert (Pipe) on R @ 1912 Seep on L @ 1947.7
R	56	2050.6	17	60	35	50	7	8		7	5	0	13	1	2									Culvert on R @ 2040.3
P	32	2095.7	16	110	80		7	8		30	2	0	5	0	0									Trib on L @ 2075.1 (1.5m wide stillwater Br.)
R	57	2233.1	15	110	50		7	8		10	14	2	18	1	4									
RN	58	2260	16	70	60	40	7	8		15	2	0	4	0	0									
P	33	2360	14	110	60		7	6		20	6	2	2	2	1									
R	59	2457.4	14	60	40	40	7	8		7	4	0	3	2	1									BRD on L @ 2392.9 Begins
P	34	2502.2	18	190	150		4	6		80	0	1	1	1	0									BRD on L @ 2457.4 Ends
R	(60)	2504.7	14	45	35	60	7	6	B	3	5	0	5	3	1	21.5	25.4	2	9.5	3			BRD on L @ 2502.4 Begins BRD on L @ 2550.4 Ends Tuber Chutes @ 2504.7 Ended @ Tuber chutes b/c out of string	

Nantahala and Pisgah National Forests BVET Habitat Survey, 2003

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Stream Name: Davidson River		Recorder: Beth Suttles		Start Location: Tuber Chute @ Picnic Area Below Coon Tree																			
District: Pisgah		Observer: Jon Marchal		Notes: 10.3																			
Quad: Shining Rock		Start GPS:																					
Date: 8.12.03																							
Unit	Unit	Dist	Width	Depth (cm)			Substrate		Ros-	%	LWD					Width	Width	Riparian (m)	Grad	Temp	Comments		
Typ	#	(m)	Est (m)	Max	Ave	RCD	Dom	Sub	gen	finer	1	2	3	4	RW	Act (m)	Chan (m)	L	R	(%)	(C)		
P	35	39.2	15.5	100	60		7	6	B	12	2	0	1	0	1	18							
R	61	61.6	14	90	35	SS	7	8		5	0	0	0	0	0								
P	36	89	14	115	60		7	9		15	1	1	2	0	0	15.5							Sm. BRD on L @ 89 Begins
R	62	167.5	17	50	25		7	8		10	7	0	5	1	0								Sm. BRD on L @ 150.5 Ends
RN	63	235.8	16	60	40		7	8		10	0	0	1	0	0								
R	64	408.7	16	85	35		7	8		7	8	0	8	1	0								V on R @ 381.9 (PIPE) Erosion on R @ 408.7
RN	65	451.3	16	60	35	SO	7	8		10	2	0	2	0	0								
P	37	494.6	15	150	70		7	6		35	8	0	6	1	1	17.5							
R	66	519.9	18	60	25	60	7	8		5	0	0	1	0	0								Tuber chute @ 509.5 Erosion on R @ 517.4
P	38	561.2	17	120	65		7	4		40	3	0	0	0	0	14							Lg. BRD on R @ 540.6 Begins *Coon Tree (BRD on Lg BRD)
R	67	577.3	17	50	15	SS	7	6		3	3	0	1	0	0								Tuber Dam @ 577.3 Erosion on L @ 577.3
P	39	606.3	16	140	75		4	7		75	4	2	5	3	2								BRD on R @ 584.3 Erosion on R @ 584.3
R	68	643.3	15	50	25		7	8		5	3	3	3	2	1								Tuber Chute @ 619.9
RN	69	668.5	18.5	55	40		7	6		10	0	0	2	0	0								
R	(70)	683.2	17	30	20		7	6	B/C	2	0	0	2	0	1	16.7	23.6	10	8	22			
RN	71	716.2	17	45	35		7	6		15	0	0	3	0	1								BRD on R @ 693.2 Ends
R	72	758.6	18	35	20	35	7	6		12	0	0	1	1	0								Tuber Chute @ 727.9 Trib on L @ 732 (.6m) Tuber Chute @ 758.6
G	(40)	889.9	16.5	75	55		6	7		35	1	2	6	0	1	18.5							
R	73	926.1	17	45	25	40	7	6		5	1	0	1	0	0								
G	41	1017.9	16	65	50		7	6		15	3	1	7	0	2	18.5							
R	74	1136.8	17	45	25		7	8		10	2	0	3	3	1								
RN	75	1210.2	17.5	60	45		7	6		10	3	1	5	0	1								
R	76	1328.5	16	50	30		7	8		5	2	0	9	0	2								
RN	77	1364.2	17	50	40	60	7	6		5	4	0	4	0	1								
P	42	1391.6	15.5	190	85		7	4		30	0	0	0	0	0	18							Trib on R @ 1368.4 (.6m) Looking glass (K) under lg Bridge Section 6 begins @ 1365.4

Nantahala and Pisgah National Forests BVET Habitat Survey, 2003

Stream Name: Davidson River
 District: Pisgah
 Quad: Shining Rock
 Date: 8-12-03

Recorder: Beth Suttles
 Observer: Jon Marchal
 Start GPS:

Start Location:
 Notes: End @ Rope swing @ Looking Glass T.H.

(8)

Unit	Unit #	Dist (m)	Width Est (m)	Depth (cm)			Substrate		Ros-gen	% fines	LWD					Width Act (m)	Width Chan (m)	Riparian (m)		Grad (%)	Temp (C)	Comments
Typ				Max	Ave	RCD	Dom	Sub			1	2	3	4	RW		L	R				
R	78	1517.1	19	50	35	40	7	8		7	2	∅	5	∅	∅							Erosion on L @ 1456.3 Island @ 1473.7 Begins Island @ 1491.6 Ends
P	43	1574.2	16	160	85		4	8		55	5	1	7	3	2	17.5						Campsite on R @ 1538.5 Erosion on R @ 1538.5
RN	79	1620.3	16	40	35		7	8		12	2	1	3	1	2							Erosion on R @ 1590
R	(80)	1635.5	15.5	60	40		7	8	F	5	4	∅	7	∅	∅	12.1	15.5	2.5	1.1	2.2		V on R @ 1636.4 (Pipe) Trib on L @ 1653.7 (Chestnut CK, .3m) Spring on L @ 1667.6 Seep on R @ 1675
RN	81	1775.5	15	60	40		7	6		20	3	∅	5	∅	∅							Erosion on L @ 1775.5
R	82	1837.5	15	60	35	40	7	8		10	6	1	7	2	2							
P	44	1860.5	15	100	70		8	4		40	3	∅	1	∅	∅	12.7						
R	83	1902.3	12	90	50	70	7	8		2	∅	5	12	1	1							
P	45	1930.4	13	120	65		7	4		40	2	∅	5	∅	∅	14						V on R @ 1925.2 (lg. Pipe)
R	84	1994	19	100	30		7	8		5	7	2	9	1	∅							Island @ 1953.9 Begins BRD on L @ 1962.3 Begins Island @ 1973.5 Ends V on R @ 1981.8 (Trib?) BRD on L @ 1981.8 Ends
G	46	2039.6	17	65	50		7	6		25	1	1	∅	1	1	19.5						BRD on L @ 2031.8 Begins
R	85	2082.2	15	50	35	35	7	6		10	13	5	18	3	4							BRD on L @ 2047.7 Ends Island @ 2072.4 Begins Island @ 2080 Ends Dam @ 2082.2 Dry Creekbed on R @ 2082.2

Nantahala and Pisgah National Forests BVET Habitat Survey, 2003

(9)

Stream Name: Davidson River
 District: Pisgah
 Quad: Shining Rock
 Date: 8/13/03

Recorder: Beth Suttles
 Observer: Jon Marchal
 Start GPS:

Start Location: Looking Glass Trail Head
 Notes: 9:30-3:00

Unit Typ	Unit #	Dist (m)	Width Est (m)	Depth (cm)			Substrate		Ros- gen	% fines	LWD					Width Act (m)	Width Chan (m)	Riparian (m)		Grad (%)	Temp (C)	Comments	
				Max	Ave	RCD	Dom	Sub			1	2	3	4	RW			L	R				
P	47	27.5	10.5	180	80		4	6		75	0	0	0	1	1								Ropeswing on L @ 13.9 Campsite on R @ 13.9
R	86	45.4	17	35	25	30	7	6		7	0	0	0	0	0								
P	48	126.9	15	130	75		4	7		65	2	1	5	1	2								Seep on L @ 89.3 Erosion on R @ 109.7 Campsite on R @ 109.7
R	87	351.6	16	100	40	50	7	6		20	28	3	28	4	1								Erosion on R @ 253.8
P	49	399.7	16	110	60		4	7		50	5	0	5	1	1								
R	88	560.4	15	70	40	45	7	8		12	27	3	26	11	4								Trib on R @ 415.9 (.5m)
P	50	598.2	14	190	90		4	7		65	13	3	13	2	1	16.5							
R	89	633.3	18	40	10	25	7	8		2	0	0	1	2	0								Seep on L @ 633.3
P	51	673.3	16	275	100		4	7		70	0	1	3	1	0								Deep Pool Dry Creekbed @ 669.8 (.3m)
R	90	794.6	16.5	50	35	30	7	8	C	8	7	3	15	2	1	18.4	19.3	38	.25				
P	52	820.9	17	130	80		4	8		50	2	0	3	0	0								
R	91	825.9	16	35	25	30	7	8		7	0	0	0	0	0								
P	53	857.7	20	230	150		4	7		90	20	2	16	2	2								Campsite on L @ 837.2 Campsite on R @ 857.7
R	92	892	16	45	30	35	7	8		5	0	1	1	0	0								
P	54	940.4	16	85	60		8	7		25	5	0	5	0	0								
R	93	1042.9	16	80	30	60	7	8		12	3	2	3	0	2								Campsite, Erosion, Rock Dam on R @ 975.3 Trib on L @ 980.5 (4m) (Horse Cove CK)
P	55	1089.5	15	140	65		7	8		30	5	0	1	1	0								
R	94	1163.1	14	65	30	40	7	8		5	10	0	10	0	0								Trib on R @ 1130.7 (Fate Oyster) Trib on R @ 1157.1 (.5m)
P	56	1181.3	12	130	30		7	6		4	2	0	0	0	1								
R	95	1193.4	14	50	25	45	7	8		3	5	3	5	3	2								
P	57	1212.3	10	115	65		7	6		15	1	0	3	0	1								
R	96	1316.8	16	65	30	30	7	8		15	5	0	6	1	3								BRD on L @ 1278.4 Begins BRD on L @ 1307.7 Ends
G	58	1331.8	16	40	35		7	6		15	0	0	1	0	0								
P	59	1357.9	15	85	60		7	6		30	0	0	0	0	1								Seep on L @ 1343

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(10)

Stream Name: Davidson River	Recorder: Beth Suttles	Start Location:
District: Pisgah	Observer: Jon Marchal	
Quad: Shining Rock	Start GPS:	Notes:
Date: 8.13.03		

Unit Typ	Unit #	Dist (m)	Width Est (m)	Depth (cm)			Substrate		Ros- gen	% fines	LWD					Width Act (m)	Width Chan (m)	Riparian (m)		Grad (%)	Temp (C)	Comments
				Max	Ave	RCD	Dom	Sub			1	2	3	4	RW			L	R			
R	97	1510.5	14	65	30	25	7	8		15	4	1	9	1	2							BRD on R @ 1366.9 Begins Trib on L @ 1434.2 Trib on L @ 1493.3
G	(60)	1512.3	16.5	55	40		7	8		15	4	0	7	2	2	13						BRD on R @ 1514.7 Ends
R	98	1648.7	15.5	60	35	20	7	8		7	10	3	10	7	2							Trib on L @ 1596 Debris Jam @ 1608.7 Campsite @ 1630 BRD channel @ 1634.2
P	61	1689.6	16.5	120	75		7	4		40	6	1	9	0	2							
R	99	1785	16.5	60	40		7	8		10	2	2	6	0	1							
G	62	1810.4	11	60	40		7	4		30	2	0	7	1	2							
R	(100)	1892.2	16	60	25	30	7	8	E	10	12	5	18	7	2	20.5	25.2	32	20	42		Trib on L @ 1826.2 (cedar Rock Crk) SCH out (to Trib) on L @ 1839.7 Campsite on L @ 1863.8 Island @ 1863.8 Begins Island @ 1882.1 Ends BRD on L @ 1892.2 Begins
G	63	1972.2	16	65	50		7	4		35	2	3	2	1	0							SCH out on R @ 1900 BRD on L @ 1907 Ends
P	64	2016.8	16.5	120	80		4	8		55	5	2	5	0	0							
R	101	2093.8	15	50	35		7	8		5	7	1	7	1	0							Debris Jam @ 2093.8

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(11)

Stream Name: Davidson River	Recorder: Beth Suttles	Start Location: Fish Hatchery Bridge
District: Pisgah	Observer: Jon Marchal	Notes: 9:30-5:30
Quad: Shining Rock	Start GPS:	
Date: 8.14.03		

Unit	Unit #	Dist (m)	Width Est (m)	Depth (cm)			Substrate		Ros-gen	% fines	LWD					Width Act (m)	Width Chan (m)	Riparian (m)		Grad (%)	Temp (C)	Comments
				Max	Ave	RCD	Dom	Sub			1	2	3	4	RW			L	R			
RN	102	44.9	15	70	55		7	8		30	3	0	5	1	2							Bridge @ 40 (WEC) Sect. 7
R	103	167.6	12	35	20	30	7	8		10	3	0	4	2	1							V on L @ 57.4 begins @ 40?
																						V on L @ 104.8 (lg flow)
																						V on L @ 131.6
G	65	188	14	40	30		7	8		20	0	0	0	0	0							V on L @ 171.9
R	104	309.9	16	50	40	35	8	7		5	1	1	5	0	2							V on L @ 202.4
																						Erosion on L @ 206.4
																						V on L @ 243
																						Seep on R @ 250.1
																						V on L @ 270.2
P	66	352.8	14	130	80		8	4		50	3	0	6	1	0							V on L @ 309.9
																						V on L @ 339.3
R	105	386.4	12	60	45	50	7	8		2	2	0	3	0	0							V on L @ 381.8
P	67	405.9	13	90	55		8	7		20	0	0	0	0	0							
R	106	553.5	15	60	35	40	7	8		5	6	5	14	1	1							V on L @ 427
																						Seep on R @ 508.3
G	68	573	14	40	30		7	8		20	0	0	0	0	0							
R	107	725.5	13	60	40	30	8	7		5	5	0	5	0	1							Seep on R @ 604.2
																						B&D on R @ 686.3 Begins
																						B&D on R @ 725.5 Ends
P	69	734.5	19	7200	90		8	4		20	0	0	0	0	0							Hatchery Dam @ 734.5
P	70	801.2	19	7200	80		3	1		98	3	1	6	1	0	23						(Pool Above Dam) section 8
																						724.5
																						TriB on R @ 786.6
																						(Rockhouse Cr. 3m)
																						Debris jam in Trib
P	71	856.2	15.5	105	75		7	8		25	11	3	21	6	0							
R	108	903.5	13	60	25	30	8	7		5	6	0	10	3	1							
G	72	935.8	14	60	40		7	8		15	0	0	3	2	1							
R	109	946	16	60	20	30	7	8		10	0	0	0	0	0							
P	73	983.6	15	100	60		7	8		15	2	1	5	0	1							
R	(110)	1090.7	15	60	35	30	7	8	B	5	11	0	16	0	0	15.5	17.2	.5	2.8	3		Island @ 1001.7 Begins
																						Seep on L @ 1014.3
																						Island @ 1084.3 Ends

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(13)

Stream Name:			Recorder:		Start Location:																		
District:			Observer:		Notes:																		
Quad:			Start GPS:																				
Date: 7-14-03																							
Unit Type	Unit #	Dist (m)	Width Est (m)	Depth (cm)			Substrate		Ros-gen	% fines	LWD					Width Act (m)	Width Chan (m)		Riparian (m)		Grad (%)	Temp (C)	Comments
				Max	Ave	RCD	Dom	Sub			1	2	3	4	RW		L	R					
R	125	21939	15	65	30	35	9	8		12	9	✓	12	2	✓								Seep on L @ 2127.4 Seep on L @ 2135 Seep on L @ 2144.6 Trib on L @ 2173.6 (Searcy ck? 5m cold water)
P	93	2227.6	13	110	60		8	7		10	1	✓	✓	✓	✓								Seep on L @ 2212.3
R	126	2346.8	15	70	35	25	8	7		5	3	1	4	✓	✓								
P	94	2356.4	15	115	80		8	6		10	✓	✓	✓	✓	✓								
R	127	2393	15	60	30	35	8	7		15	2	✓	1	1	✓								
P	95	2416.8	11	100	60	✓	8	9		10	1	✓	2	✓	✓								Seep on L @ 2393 Seep on L @ 2404.9
R	128	2478.8	13	85	40	40	8	7		5	2	✓	8	✓	1								
P	96	2542	15.5	130	100		9	8		25	11	1	5	✓	✓								Seep on R @ 2506.6
C	129	2619	16	75	40		8	7		12	2	✓	✓	1	✓								
R	(130)	2646.5	17	70	40	30	8	7	B	10	✓	✓	1	✓	✓	13	15.8	1.5	6.3				Seep on L @ 2646.5

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IC

(14)

Stream Name: Davidson River	Recorder: Beth Suttles	Start Location: Side Trail off Davidson River Trail; below Cove Cr.
District: Pisgah	Observer: Jon Marchal	Notes:
Quad: Shining Rock	Start GPS:	
Date: 8.18.03		

Unit	Unit #	Dist (m)	Width Est (m)	Depth (cm)			Substrate		Ros-gen	% fines	LWD					Width Act (m)	Width Chan (m)	Riparian (m)		Grad (%)	Temp (C)	Comments
				Max	Ave	RCD	Dom	Sub			1	2	3	4	RW			L	R			
P	97	19.6	14	105	65		9	6		20	2	∅	2	∅	1							Seep on L @ 0
R	131	71.9	13	80	40	40	8	7		5	2	∅	1	∅	∅							
P	98	98	12	160	80		9	7		10	∅	∅	1	∅	∅							
R	132	103	12	35	10	30	9	8		2	1	∅	∅	∅	∅							
P	99	117.8	10	85	50		8	7		10	1	∅	∅	∅	∅							
R	133	147.2	14	70	50	40	8	7		7	2	∅	∅	∅	∅							
P	(100)	213.8	13	145	100		9	8		25	1	∅	3	2	∅	15.8						Seep @ 220.9
C	134	220.9	11	65	35		9	9		2	∅	∅	∅	∅	∅							Trib on R @ 220.9 (Cove Cr 5m)
R	135	432.2	12	100	30	30	7	8		7	2	∅	3	∅	1							Campsite on R @ 246.8
																						Campsite on R @ 402.3 (by Rd)
																						Erosion on R & L @ 402.3
																						Campsite on L @ 432.2
																						Rock Dam @ 432.2
P	101	457.4	12	120	70		8	7		25	1	1	∅	∅	1							
R	136	473.1	13	40	25	30	8	7		5	∅	∅	∅	∅	1							Trib on R @ 473.1 (1m)
																						Erosion on L @ 473.1
P	102	520.4	11	110	70		9	8		25	3	∅	1	∅	1							Erosion on L @ 505.4
R	137	586.3	11	30	20	30	8	7		5	2	∅	2	1	∅							Trib on L @ 556.5 (3.5m)
P	103	610.6	10	90	50		8	7		30	3	∅	∅	∅	∅							
R	138	762.7	10	40	20	20	8	7		5	3	∅	1	2	∅							Trib on L @ 647 (Long Br 14m)
																						Island @ 662.2 begins
																						Island @ 762.7 Ends
																						Rock Dam @ 762.7
P	104	784.2	10	130	80		9	4		30	∅	∅	2	1	∅							Seep on L @ 776
R	139	923.7	9	60	30	25	8	7		5	2	∅	5	1	∅							Seep on L @ 894.6
P	105	942.7	13	120	55		8	7		25	2	∅	2	∅	∅							
R	(140)	1067.6	12	65	30	25	8	7	B	5	7	2	15	2	∅	8.9	12.5	7	.25	42		Von R @ 1025.4
P	106	1082.7	10	100	65		9	7		20	∅	∅	∅	∅	∅							
R	141	1154.1	13	70	35	40	8	7		5	3	1	8	∅	1							Trib on R @ 1108.1 (2m)
P	107	1164	11	110	80		8	7		30	∅	∅	2	∅	1							
R	142	1172.1	8	50	25	35	7	8		5	∅	∅	∅	∅	∅							
P	108	1183.8	14	130	90		9	8		30	∅	1	3	∅	∅							
R	143	1212.7	12	45	30	30	8	7		5	2	∅	2	∅	∅							

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(15)

Stream Name:	Recorder:	Start Location:
District:	Observer:	
Quad:	Start GPS:	Notes:
Date: 8.18.03		

Unit Typ	Unit #	Dist (m)	Width Est (m)	Depth (cm)			Substrate		Ros-gen	% fines	LWD					Width Act (m)	Width Chan (m)	Riparian (m)		Grad (%)	Temp (C)	Comments
				Max	Ave	RCD	Dom	Sub			1	2	3	4	RW			L	R			
P	109	1243.1	12	130	90		9	4		40	2	∅	5	∅	∅							Von R @ 1223.9
R	144	1266.5	8	35	20	30	7	9		10	∅	∅	∅	∅	∅							
P	(110)	1270.5	10	110	70		9	8		25	1	∅	3	∅	∅	6.9						
R	145	1304.7	10	40	20	15	9	7		10	1	∅	∅	∅	∅							
G	111	1319.7	10	60	40		9	5		5	2	∅	∅	∅	∅							
R	146	1481.1	12	35	20	5	7	8		10	3	∅	2	1	2							Trib on L @ 1334.9 (Laurel fork b.) Bridge @ 1342.6 Trib on R @ 1393.6 (3m) Erosion on L @ 1431.3 Brd on R @ 1431.3 Begins Brd on R @ 1473.2 Ends Campsite on L @ 1481.1 Rock Dam @ 1481.1
P	112	1503	11	150	90		9	8		35	∅	∅	∅	∅	∅							Brd on R @ 1503 Begins
R	147	1593.9	12	40	20		7	8		5	∅	1	1	1	∅							Brd on R @ 1593.9 Ends
P	113	1610.3	16	160	85		9	4		40	∅	∅	∅	∅	∅							

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(16)

Stream Name: Davidson River	Recorder: Beth Suttles	Start Location: Daniel Ridge
District: Pisgah	Observer: Jon Marchal	(Swimming hole by Trailhead)
Quad: Shiring Rock	Start GPS:	Notes: 10:45 - 4:00
Date: 9.13.03		

Unit Typ	Unit #	Dist (m)	Width Est (m)	Depth (cm)			Substrate		Ros-gen	% fines	LWD					Width Act (m)	Width Chan (m)	Riparian (m)		Grad (%)	Temp (C)	Comments
				Max	Ave	RCD	Dom	Sub			1	2	3	4	RW			L	R			
R	148	47.5	10	30	20	20	7	8		5	1	0	0	0	1							Bridge @ 15.1 Channelization Begins @ 20.3; Ends @ 47.5
P	114	62.7	11	60	35		8	7		25	0	0	0	0	0							
R	149	343.6	10	60	25	30	8	7		5	6	3	5	3	4							Erosion on R @ 131.4 Manmade Dams Numerous Begins @ 20.3; Ends @ 336 Trib on L @ 190.8 (.75m)
P	115	342.6	9	100	50		7	8		10	0	0	0	0	0							Erosion on L @ 347.6
R	(50)	481.8	8	40	25	25	8	7	F	5	16	1	17	2	3	5.8	13.2	6	.66	22		
P	116	490	9	95	60		8	7		25	0	0	0	0	0							
R	151	627.8	8	55	20	30	8	7		5	3	2	2	0	1							Erosion on R @ 627.8
P	117	641	9	65	40		7	8		12	1	0	0	0	0							
R	152	667	8	35	20	17	8	7		5	2	0	1	0	2							Erosion on R @ 652.5
P	118	684.3	9	90	45		7	6		25	0	0	0	0	0							
R	153	741.9	9	50	35	50	8	7		5	0	0	3	1	0							Landslide on L @ 690.2 Seep on L @ 741.9
P	119	751.9	9	80	40		7	8		15	0	0	0	0	0							
R	154	956.8	9	45	25	35	8	7		5	8	1	9	1	0							old concrete Dam @ 929.4 (150cm high) & old stream gauge on R
P	(20)	965.9	8	85	40		7	6		10	0	0	0	0	0	5.5						
R	155	1249.4	8	50	20	20	8	7		5	12	2	28	7	2							V on R @ 987.4 Erosion on R @ 997.4 V on R @ 997.4 manmade "V" dam @ 1025.3 Trib on R @ 1049 (.5m) Seep on L @ 1270.8
P	121	1289.7	9	135	65		9	5		20	2	0	1	0	0							
R	156	1324.2	9	50	20	10	8	9		5	0	0	0	0	0							
P	122	1338.8	10	105	65		8	7		15	1	1	3	0	1							
R	157	1395.6	8	45	20	15	8	9		5	5	1	6	3	0							Trib on L @ 1395 (.25m)
P	123	1412.7	11	210	85		9	8		25	3	0	3	1	1							

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(17)

Stream Name:							Recorder:			Start Location:															
District:							Observer:			Notes:															
Quad:							Start GPS:																		
Date:																									
Unit	Unit	Dist	Width	Depth (cm)			Substrate		Ros-	%	LWD					Width	Width	Riparian (m)		Grad	Temp	Comments			
Type	#	(m)	Est (m)	Max	Ave	RCD	Dom	Sub	gen	finer	1	2	3	4	RW	Act (m)	Chan (m)	L	R	(%)	(C)				
R	158	1430.8	7	80	10	15	9	4		2	0	0	0	0	0										
P	124	1442.5	12	85	50		8	6		25	3	0	1	0	0									Dam @ 1447.5 (2.5m high)	
R	159	1474.5	6	45	25	30	8	7		5	0	0	0	0	0										
P	125	1499.5	8	110	70		9	8		30	1	0	1	0	0										
R	(160)	1624.9	7	40	25	15	8	7	F	5	3	1	5	1	0	4.9	13.6	4.9	2	42			Seep on L @ 1621		
P	126	1633.8	9	85	60		8	9		15	0	0	0	0	0										
R	161	1666.2	6	60	25	5	7	8		5	1	0	1	0	0									Dam @ 1666.2	
P	127	1678.6	9	200	90		7	9		7	0	0	0	0	0										
C	162	1694.4	10	15	5		9	4		3	3	0	2	0	0						15				
R	163	1735.2	12	40	20	20	8	7		5	15	1	12	4	0										
P	128	1748.7	9	110	60		9	8		35	0	0	1	0	0										
R	164	1764.6	8	30	20	25	8	7		5	1	0	2	0	0										
P	129	1785.5	10	130	70		8	9		10	0	0	0	0	0										
R	165	1820.8	12	40	25	20	8	7		13	5	0	4	1	0										
P	(130)	1849.5	13	300	120		9	4		25	2	1	2	1	0	15								Seep on R @ 1849.5	
C	166	1870.4	11	150	5		9	4		3	0	0	0	0	0						17			Pools in Cascade	
R	167	1955.3	9	40	25		8	7		5	1	0	1	0	0									Seep on R @ 1890.3	
																								Ended R167 @ headwaters	
																									Tribes:
																									Daniel Ridge Creek? (3m) on L
																									Laughing Br? (5m) on R
																									↑ GPS @ headwaters:
																									35° 17.5 N
																									82° 50.68 W
																									of Right Fork?
																									No third trib as shown on Map