

Appendix B

**1994 and 1995
Stream survey data**

1994 Stream surveys

	Date	start	end	Observers	time	Species	# found	Life stage	TL	Habitat
									(cm)	
Capt. John Creek	5/19/94	1020								
Capt. John Creek	5/19/94				1023	RAPR	2-Adult			grassy-semiforest
Capt. John Creek	5/19/94				1045	AMMA	3-4	egg masses		marshy; sm.mdw confluence
S.Fork Capt. John Ck	7/19/94	1120	1530	Llewellyn, Mancuso						
S.Fork Capt. John Ck	7/19/94	1144								
S.Fork Capt. John Ck	7/19/94				1144	ASTR	1-Tad	4-legs+tail, hopping		Riffle and a sm. pool
S.Fork Capt. John Ck	7/19/94				1311	ASTR	2-tad	4-legs+tail	5.2	3 cascading riffles w/ sm. pools
S.Fork Capt. John Ck	7/19/94					ASTR	1-tad	4-legs+tail	5.8	
S.Fork Capt. John Ck	7/19/94					ASTR	1-tad		5.3	
S.Fork Capt. John Ck	7/19/94					ASTR	1-tad	4-legs, hopping	4.9	
S.Fork Capt. John Ck	7/19/94				1345	ASTR	2-tad	4-legs, hopping	5.3	20ft and 30ft. upstream; riffles
S.Fork Capt. John Ck	7/19/94				1433	ASTR	1-Adult		2.8	smooth riffle/pool; 3-4% slope
S.Fork Capt. John Ck	7/19/94					ASTR	tads		4	
S.Fork Capt. John Ck	7/19/94					ASTR	tads		2.8	
S.Fork Capt. John Ck	7/19/94					ASTR	tads		4.3	
S.Fork Capt. John Ck	7/19/94					ASTR	tads		4.4	
S.Fork Capt. John Ck	7/19/94					ASTR	tads		4.4	
S.Fork Capt. John Ck	7/19/94					ASTR	tads		4	
S.Fork Capt. John Ck	7/19/94					ASTR	5-tads	starting back legs	4.4	pool just above the others
S.Fork Capt. John Ck	7/19/94					ASTR	4-10 tads	in every pool		sm. cascade riffles..pools..riffles
S.Fork Capt. John Ck	7/19/94					ASTR	2-Adult		3.2	
S.Fork Capt. John Ck	7/19/94								4	sitting on a ledge just above pool
S.Fork Capt. John Ck	7/19/94					ASTR	1-Adult		3.5	in riffle just below lg. waterfall
S.Fork Capt. John Ck	7/19/94						3-tads		2.1	same
S.Fork Capt. John Ck	7/19/94								4.1	
S.Fork Capt. John	7/19/94					BUBO	1-juv.		5.8	moss ledge at the lg. waterfall
Eagle Ck.-E.C.Rd	5/18/94	900	1450	Llewellyn						
Eagle Ck.-E.C.Rd	7/21/94	1115	1730	Llewellyn; Lance		ASTR	1-tad	no legs	4	
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult			in little cave under tree branch on bank

1994 Stream sur

	Canopy	Substrate	Overstory	Understory	Herbaceous	width	length
	Coverage					(ft.)	(ft)
Capt.John Creek							
Capt.John Creek	10%						
Capt.John Creek	0	mud	0%		carex		
						4 ft.	
S.Fork Capt.John Ck							
S.Fork Capt.John Ck							
S.Fork Capt.John Ck	10-50%	5% gradient,DWM	Grand fir	yg. Grand fir	twinberry,moss	5ft.	
S.Fork Capt.John Ck	60%	cobble-sm. boulder	Grand fir	yg. Grand fir	twinberry,moss		12-15ft
S.Fork Capt.John Ck							
S.Fork Capt.John Ck							
S.Fork Capt.John Ck							
S.Fork Capt.John Ck	60%	cobble	Grand fir	yg. Grand fir			
S.Fork Capt.John Ck	60%	cobble	Grand fir	yg. Grand fir	twinflower,moss	6ft.	
S.Fork Capt.John Ck							
S.Fork Capt.John Ck							
S.Fork Capt.John Ck							
S.Fork Capt.John Ck							
S.Fork Capt.John Ck							
S.Fork Capt.John Ck		cobble	Grand fir				
S.Fork Capt.John Ck	80%	cobble	Grand fir	yg. Grand fir	twinflower,moss		3-4 ft.
S.Fork Capt.John Ck							
S.Fork Capt.John Ck	same						
S.Fork Capt.John Ck							
S.Fork Capt.John Ck							
S.Fork Capt.John Ck							
S.Fork Capt.John		cobble	Grand fir	yg. Grand fir	mosses		
Eagle Ck.-E.C.Rd							
Eagle Ck.-E.C.Rd							
Eagle Ck.-E.C.Rd							

1994 Stream surveys

	Date	start	end	Observers	time	Species	# found	Life stage	TL	Habitat
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-tad	getting back legs	4.9	riffle
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		3.8	riffle
Eagle Ck.-E.C.Rd	7/21/94					ASTR	3-tads			slow moving riffle glide. DWM
Eagle Ck.-E.C.Rd	7/21/94					ASTR	5-tads	2 @ 2.1, 3.5, 3.5		glide just above the last pool
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		4.4	hiding in the rocks
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		4.7	
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		3.6	sitting on moss on creek bank (15C)
Eagle Ck.-E.C.Rd	7/21/94					ASTR	2-Adults	a pair	3.6	In a glide with all of the tads
Eagle Ck.-E.C.Rd	7/21/94								4	
Eagle Ck.-E.C.Rd	7/21/94					ASTR	>40-tads	with legs	5	
Eagle Ck.-E.C.Rd	7/21/94							leg buds	4.5	
Eagle Ck.-E.C.Rd	7/21/94								3.8	
Eagle Ck.-E.C.Rd	7/21/94								4.1	
Eagle Ck.-E.C.Rd	7/21/94								4.2	
Eagle Ck.-E.C.Rd	7/21/94								4.6	
Eagle Ck.-E.C.Rd	7/21/94					ASTR	>4 tads		2.8-3.5	
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		3.5	fast moving glide under a down tree
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		3.2	a fast glide;under rock bank on creek
Eagle Ck.-E.C.Rd	7/21/94					ASTR	3-Adult		3.7	sitting under a riffle
Eagle Ck.-E.C.Rd	7/21/94								3.8	shaded by DWM
Eagle Ck.-E.C.Rd	7/21/94								4.3	
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		3.6	in a crevice of a riffle
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		2.3	glide..riffle..riffle..glide
Eagle Ck.-E.C.Rd	7/21/94									Nice glides, not as many tads
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		4.2	meandering riffle/glide. part-sun
Eagle Ck.-E.C.Rd	7/21/94					ASTR	>15 tads			
Eagle Ck.-E.C.Rd	7/21/94					THEL			12-inch	At a tributary to the North
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		2.9	Riffle/glide
Eagle Ck.-E.C.Rd	7/21/94					ASTR	>5 tads			
Eagle Ck.-E.C.Rd	7/21/94									Creek opening up;becoming braided
Eagle Ck.-E.C.Rd	7/21/94					RAPR	1-Adult			
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		3.2	180ft. W. of trib.
Eagle Ck.-E.C.Rd	7/21/94					ASTR	1-Adult		3.6	DWM shaded glide/pool;

1994 Stream surveys

	Date	start	end	Observers	time	Species	# found	Life stage	TL	Habitat
Eagle Ck.-E.C.Rd	7/21/94					ASTR	9-Adult		3.4	Very nice pool/glide, short cascade riffle
									3.7	
Deer Ck. Meadow	5/07/94	1130	1235	Llewellyn					4.6	
									4.2	
									4.2	
China Ck.	5/31/94			Llewellyn; Singer					4.2	
									4.1	
Eagle Ck.-Zaza	6/03/94			Llewellyn					3.7	
Eagle Ck.-Zaza	6/30/94			Llewellyn; Singer					?	
						THEL	1-juv.		10 in.	
						ASTR	2-Adult		3.9	20-ft. upstream; Cascade riffle/glide
									2	
						ASTR	3-Adult		3.8	20 ft. upstream; cascade riffle
									3.4	
									3.7	
						ASTR	4-Adult		3.3	Pool; 10-ft. long
									3.5	
									4	
									4	
						ASTR	1-Adult		3.3	
							>2 tads			
						ASTR	2-Adults		3.8	
									3.5	
						THEL	1-juv.		13 in.	
						RAPR	1-Adult			
						ASTR	3-Adult			

