

Table 1. Length, mean width and GPS coordinates for each of the fisheries sample stations for the Bryson Project, Oconaluftee River.

River	Site	Length (m)	Width (m)	GPS
Oconaluftee	O-1			
	Backpack	90		
	Upper end		No data	35° 26.47' N 83° 22.32' W
	Lower end			35° 26.47' N 83° 22.33' W
	Boat	150		
	Upper end			35° 26.47' N 83° 22.32' W
	Lower end			35° 26.47' N 83° 22.33' W
Oconaluftee	O-2			
	Backpack	50		
	Upper end		26,82	No reading
			31,09	No reading
			35,97	
	Lower end		24,38	
	Boat	81		
	Upper end			No reading
	Lower end			No reading

Table 2. Fish species collected by sample station during electrofishing sampling of the Oconaluftee River during May 2001, July 2001, September 2001, February 2002 and March 2002.

Common Name	Scientific Name	Station		
		O-1	O-2	BR
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>		x	
Rainbow trout (wild)	<i>Oncorhynchus mykiss</i>	x		x
Rainbow trout (stocked)	<i>Oncorhynchus mykiss</i>	x	x	
Brown trout (wild)	<i>Salmo trutta</i>	x	x	
Brown trout (stocked)	<i>Salmo trutta</i>	x	x	
Brook trout (stocked)	<i>Salvelinus fontinalis</i>		x	
Central stoneroller	<i>Campostoma anomalum</i>	x	x	
Goldfish	<i>Carassius auratus</i>	x		
Rosyside dace	<i>Clinostomus funduloides</i>		x	
Whitetail shiner	<i>Cyprinella galacturus</i>	x	x	x
Warpaint shiner	<i>Luxilus coccogenis</i>	x	x	x
River chub	<i>Nocomis micropogon</i>	x	x	x
Tennessee shiner	<i>Notropis leuciodus</i>	x	x	
Silver shiner	<i>Notropis photogenis</i>	x	x	x
Mirror shiner	<i>Notropis spectrunculus</i>	x	x	x
Telescope shiner	<i>Notropis telescopus</i>	x	x	
Fatlips minnow	<i>Phenacobius crassilabrum</i>	x	x	
Blacknose dace	<i>Rhinichthys atratulus</i>		x	
Longnose dace	<i>Rhinichthys cataractae</i>		x	
Creek chub	<i>Semotilus atromaculatus</i>	x		
White sucker	<i>Catostomus commersoni</i>	x	x	x
Northern hog sucker	<i>Hypentelium nigricans</i>	x	x	x
River redhorse	<i>Moxostoma carinatum</i>	x		
Black redhorse	<i>Moxostoma duquesnei</i>	x	x	x
Golden redhorse	<i>Moxostoma erythrurum</i>	x	x	x
Sicklefin redhorse	<i>Moxostoma spp.</i>	x		
Channel catfish	<i>Ictalurus punctatus</i>	x		
Mottled sculpin	<i>Cottus bairdi</i>	x	x	
Rock bass	<i>Ambloplites rupestris</i>	x	x	x
Redbreast sunfish	<i>Lepomis auritus</i>	x	x	x
Bluegill	<i>Lepomis macrochirus</i>	x	x	x
Smallmouth bass	<i>Micropterus dolomieu</i>	x	x	x
Spotted bass	<i>Micropterus punctulatus</i>	x		
Greenside darter	<i>Etheostoma blennioides</i>	x	x	
Greenfin darter	<i>Etheostoma chlorbranchium</i>	x	x	
Wounded darter	<i>Etheostoma vulneratum</i>	x	x	
Banded darter	<i>Etheostoma zonale</i>	x		
Tangerine darter	<i>Percina aurantiaca</i>	x		
Gilt darter	<i>Percina evides</i>	x	x	
Olive darter	<i>Percina squamata</i>	x	x	
Walleye	<i>Stizostedion vitreum</i>	x		
Total Fish Species		34	30	14

Table 3. Total number of fish by species and sample period collected at Station O-1, Oconaluftee River downstream of Bryson Dam, during May 2001, July 2001, September 2001, February 2002 and March 2002.

Common Name	Scientific Name	Station O-1					
		May	July	Sept	Feb	Feb Seine	Mar
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>	--	--	--	--	--	--
Rainbow trout (wild)	<i>Oncorhynchus mykiss</i>	--	--	1	1	--	--
Rainbow trout (stocked)	<i>Oncorhynchus mykiss</i>	--	--	--	4	--	3
Brown trout (wild)	<i>Salmo trutta</i>	--	--	2	2	--	--
Brown trout (stocked)	<i>Salmo trutta</i>	--	--	--	--	--	1
Brook trout (stocked)	<i>Salvelinus fontinalis</i>	--	--	--	--	--	--
Central stoneroller	<i>Campostoma anomalum</i>	3	5	8	5	1	11
Goldfish	<i>Carassius auratus</i>	--	1	1	--	--	--
Rosyside dace	<i>Clinostomus funduloides</i>	--	--	--	--	--	--
Whitetail shiner	<i>Cyprinella galacturus</i>	1	--	4	2	--	--
Warpaint shiner	<i>Luxilus coccogenis</i>	--	35	25	17	--	4
River chub	<i>Nocomis micropogon</i>	72	53	91	135	6	81
Tennessee shiner	<i>Notropis leuciodus</i>	7	5	8	1	--	3
Silver shiner	<i>Notropis photogenis</i>	--	5	3	--	--	--
Mirror shiner	<i>Notropis spectrunculus</i>	8	15	6	11	--	7
Telescope shiner	<i>Notropis telescopus</i>	20	--	15	3	--	1
Fatlips minnow	<i>Phenacobius crassilabrum</i>	2	3	4	--	2	1
Blacknose dace	<i>Rhinichthys atratulus</i>	--	--	--	--	--	--
Longnose dace	<i>Rhinichthys cataractae</i>	--	--	--	--	--	--
Creek chub	<i>Semotilus atromaculatus</i>	--	1	--	--	--	--
White sucker	<i>Catostomus commersoni</i>	--	1	2	2	--	2
Northern hog sucker	<i>Hypentelium nigricans</i>	22	36	22	36	2	19
River redhorse	<i>Moxostoma carinatum</i>	1	3	7	--	--	5
Black redhorse	<i>Moxostoma duquesnei</i>	13	24	27	4	--	13
Golden redhorse	<i>Moxostoma erythrurum</i>	--	--	1	--	--	8
Sicklefin redhorse	<i>Moxostoma spp.</i>	1	2	--	--	--	1
Channel catfish	<i>Ictalurus punctatus</i>	--	1	--	--	--	--
Mottled sculpin	<i>Cottus bairdi</i>	4	13	12	13	4	6
Rock bass	<i>Ambloplites rupestris</i>	34	37	16	13	--	31
Redbreast sunfish	<i>Lepomis auritus</i>	--	--	--	--	--	1
Bluegill	<i>Lepomis macrochirus</i>	--	2	4	--	--	--
Smallmouth bass	<i>Micropterus dolomieu</i>	--	--	1	2	--	1
Spotted bass	<i>Micropterus punctulatus</i>	--	--	1	--	--	--
Greenside darter	<i>Etheostoma blennioides</i>	25	14	14	5	2	5
Greenfin darter	<i>Etheostoma chlorbranchium</i>	19	25	17	--	2	7
Wounded darter	<i>Etheostoma vulneratum</i>	1	3	1	--	--	--
Banded darter	<i>Etheostoma zonale</i>	20	9	6	8	6	6
Tangerine darter	<i>Percina aurantiaca</i>	14	9	1	--	--	1
Gilt darter	<i>Percina evides</i>	3	2	4	1	--	--
Olive darter	<i>Percina squamata</i>	9	1	4	--	--	1
Walleye	<i>Stizostedion vitreum</i>	1	1	--	--	--	--
Total Fish Collected		280	306	308	265	25	219
Total Fish Species		21	26	29	18	8	24

Table 4. Total number of fish by species and sample period collected at Station O-2, Oconaluftee River upstream of Bryson impoundment, during May 2001, July 2001, September 2001 and March 2002.

Common Name	Scientific Name	Station O-2				Mar Seine
		May	July	Sept	Mar	
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>	3	2	1	6	5
Rainbow trout (wild)	<i>Oncorhynchus mykiss</i>	--	--	--	--	--
Rainbow trout (stocked)	<i>Oncorhynchus mykiss</i>	--	1	--	2	--
Brown trout (wild)	<i>Salmo trutta</i>	--	--	--	1	--
Brown trout (stocked)	<i>Salmo trutta</i>	--	--	2	--	--
Brook trout (stocked)	<i>Salvelinus fontinalis</i>	--	1	--	--	--
Central stoneroller	<i>Campostoma anomalum</i>	20	18	11	22	1
Goldfish	<i>Carassius auratus</i>	--	--	--	--	--
Rosyside dace	<i>Clinostomus funduloides</i>	13	8	10	11	--
Whitetail shiner	<i>Cyprinella galacturus</i>	2	--	3	5	--
Warpaint shiner	<i>Luxilus coccogenis</i>	8	4	17	12	--
River chub	<i>Nocomis micropogon</i>	158	234	279	97	2
Tennessee shiner	<i>Notropis leuciodus</i>	9	13	5	4	--
Silver shiner	<i>Notropis photogenis</i>	--	--	--	1	--
Mirror shiner	<i>Notropis spectrunculus</i>	83	9	28	16	2
Telescope shiner	<i>Notropis telescopus</i>	1	--	--	7	--
Fatlips minnow	<i>Phenacobius crassilabrum</i>	2	3	4	7	2
Blacknose dace	<i>Rhinichthys atratulus</i>	--	4	--	--	--
Longnose dace	<i>Rhinichthys cataractae</i>	2	26	22	12	12
Creek chub	<i>Semotilus atromaculatus</i>	--	--	--	--	--
White sucker	<i>Catostomus commersoni</i>	13	3	3	4	--
Northern hog sucker	<i>Hypentelium nigricans</i>	11	22	8	5	--
River redbhorse	<i>Moxostoma carinatum</i>	--	--	--	--	--
Black redbhorse	<i>Moxostoma duquesnei</i>	35	12	17	28	--
Golden redbhorse	<i>Moxostoma erythrurum</i>	--	1	--	--	--
Sicklefin redbhorse	<i>Moxostoma spp.</i>	--	--	--	--	--
Channel catfish	<i>Ictalurus punctatus</i>	--	--	--	--	--
Mottled sculpin	<i>Cottus bairdi</i>	57	150	273	196	42
Rock bass	<i>Ambloplites rupestris</i>	20	16	9	8	--
Redbreast sunfish	<i>Lepomis auritus</i>	2	--	--	--	--
Bluegill	<i>Lepomis macrochirus</i>	3	--	--	--	--
Smallmouth bass	<i>Micropterus dolomieu</i>	2	2	3	2	--
Spotted bass	<i>Micropterus punctulatus</i>	--	--	--	--	--
Greenside darter	<i>Etheostoma blennioides</i>	40	24	48	13	3
Greenfin darter	<i>Etheostoma chlorbranchium</i>	119	154	187	233	105
Wounded darter	<i>Etheostoma vulneratum</i>	--	--	1	--	--
Banded darter	<i>Etheostoma zonale</i>	--	--	--	--	--
Tangerine darter	<i>Percina aurantiaca</i>	--	--	--	--	--
Gilt darter	<i>Percina evides</i>	13	6	5	5	7
Olive darter	<i>Percina squamata</i>	1	2	1	--	--
Walleye	<i>Stizostedion vitreum</i>	--	--	--	--	--
Total Fish Collected		617	715	937	697	181
Total Fish Species		23	23	22	23	10

Table 5. Total number of fish by species and sample period collected at Station BR, Bryson impoundment, collected by the Tennessee Valley Authority (TVA) on August 4, 1999.

Common Name	Scientific Name	Station BR
		ágúst 4, 1999
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>	--
Rainbow trout (wild)	<i>Oncorhynchus mykiss</i>	1
Rainbow trout (stocked)	<i>Oncorhynchus mykiss</i>	--
Brown trout (wild)	<i>Salmo trutta</i>	--
Brown trout (stocked)	<i>Salmo trutta</i>	--
Brook trout (stocked)	<i>Salvelinus fontinalis</i>	--
Central stoneroller	<i>Campostoma anomalum</i>	--
Goldfish	<i>Carassius auratus</i>	--
Rosyside dace	<i>Clinostomus funduloides</i>	--
Whitetail shiner	<i>Cyprinella galacturus</i>	50
Warpaint shiner	<i>Luxilus coccogenis</i>	1
River chub	<i>Nocomis micropogon</i>	1
Tennessee shiner	<i>Notropis leuciodus</i>	--
Silver shiner	<i>Notropis photogenis</i>	1
Mirror shiner	<i>Notropis spectrunculus</i>	80
Telescope shiner	<i>Notropis telescopus</i>	--
Fatlips minnow	<i>Phenacobius crassilabrum</i>	--
Blacknose dace	<i>Rhinichthys atratulus</i>	--
Longnose dace	<i>Rhinichthys cataractae</i>	--
Creek chub	<i>Semotilus atromaculatus</i>	--
White sucker	<i>Catostomus commersoni</i>	67
Northern hog sucker	<i>Hypentelium nigricans</i>	1
River redhorse	<i>Moxostoma carinatum</i>	--
Black redhorse	<i>Moxostoma duquesnei</i>	9
Golden redhorse	<i>Moxostoma erythrurum</i>	17
Sicklefin redhorse	<i>Moxostoma spp.</i>	--
Channel catfish	<i>Ictalurus punctatus</i>	--
Mottled sculpin	<i>Cottus bairdi</i>	--
Rock bass	<i>Ambloplites rupestris</i>	81
Redbreast sunfish	<i>Lepomis auritus</i>	23
Bluegill	<i>Lepomis macrochirus</i>	12
Smallmouth bass	<i>Micropterus dolomieu</i>	10
Spotted bass	<i>Micropterus punctulatus</i>	--
Greenside darter	<i>Etheostoma blennioides</i>	--
Greenfin darter	<i>Etheostoma chlorbranchium</i>	--
Wounded darter	<i>Etheostoma vulneratum</i>	--
Banded darter	<i>Etheostoma zonale</i>	--
Tangerine darter	<i>Percina aurantiaca</i>	--
Gilt darter	<i>Percina evides</i>	--
Olive darter	<i>Percina squamata</i>	--
Walleye	<i>Stizostedion vitreum</i>	--
Total Fish Collected		354
Total Fish Species		14

Table 6. Catch per unit effort (number of fish per hour and number of fish per 100 m of shoreline) for Station O-1, Oconaluftee River downstream of Bryson Dam, during May 2001, July 2001, September 2001, February 2002 and March 2002.

Common Name	Scientific Name	number of fish per hour					number of fish per 100 meter of shoreline				
		May	July	Sept	Feb	Mar	May	July	Sept	Feb	Mar
Rainbow trout (wild)	<i>Oncorhynchus mykiss</i>	--	--	1	1	--	--	--	0	0	--
Rainbow trout (stocked)	<i>Oncorhynchus mykiss</i>	--	--	--	5	4	--	--	--	2	1
Brown trout (wild)	<i>Salmo trutta</i>	--	--	2	2	--	--	--	1	1	--
Brown trout (stocked)	<i>Salmo trutta</i>	--	--	--	--	1	--	--	--	--	0
Central stoneroller	<i>Campostoma anomalum</i>	3	5	7	6	13	1	2	3	2	5
Goldfish	<i>Carassius auratus</i>	--	1	1	--	--	--	0	0	--	--
Whitetail shiner	<i>Cyprinella galacturus</i>	1	--	4	2	--	0	--	2	1	--
Warpaint shiner	<i>Luxilus coccogenis</i>	--	36	23	20	5	--	15	10	7	2
River chub	<i>Nocomis micropogon</i>	73	55	84	159	95	30	22	38	56	34
Tennessee shiner	<i>Notropis leuciodus</i>	7	5	7	1	4	3	2	3	0	1
Silver shiner	<i>Notropis photogenis</i>	--	5	3	--	--	--	2	1	--	--
Mirror shiner	<i>Notropis spectrunculus</i>	8	15	6	13	8	3	6	3	5	3
Telescope shiner	<i>Notropis telescopus</i>	20	--	14	4	1	8	--	6	1	0
Fatlips minnow	<i>Phenacobius crassilabrum</i>	2	3	4	--	1	1	1	2	--	0
Creek chub	<i>Semotilus atromaculatus</i>	--	1	--	--	--	--	0	--	--	--
White sucker	<i>Catostomus commersoni</i>	--	1	2	2	2	--	0	1	1	1
Northern hog sucker	<i>Hypentelium nigricans</i>	22	37	20	42	22	9	15	9	15	8
River redhorse	<i>Moxostoma carinatum</i>	1	3	6	--	6	0	1	3	--	2
Black redhorse	<i>Moxostoma duquesnei</i>	13	25	25	5	15	5	10	11	2	5
Golden redhorse	<i>Moxostoma erythrurum</i>	--	--	1	--	9	--	--	0	--	3
Sicklefin redhorse	<i>Moxostoma sp.</i>	1	2	--	--	1	0	1	--	--	0
Channel catfish	<i>Ictalurus punctatus</i>	--	1	--	--	--	--	0	--	--	--
Mottled sculpin	<i>Cottus bairdi</i>	4	13	11	15	7	2	5	5	5	3
Rock bass	<i>Ambloplites rupestris</i>	35	38	15	15	36	15	15	7	5	13
Redbreast sunfish	<i>Lepomis auritus</i>	--	--	--	--	1	--	--	--	--	0
Bluegill	<i>Lepomis macrochirus</i>	--	2	4	--	--	--	1	2	--	--
Smallmouth bass	<i>Micropterus dolomieu</i>	--	--	1	2	1	--	--	0	1	0
Spotted bass	<i>Micropterus punctulatus</i>	--	--	1	--	--	--	--	0	--	--
Greenside darter	<i>Etheostoma blennioides</i>	25	14	13	6	6	10	6	6	2	2
Greenfin darter	<i>Etheostoma chlorbranchium</i>	19	26	16	--	8	8	10	7	--	3
Wounded darter	<i>Etheostoma vulneratum</i>	1	3	1	--	--	0	1	0	--	--
Banded darter	<i>Etheostoma zonale</i>	20	9	6	9	7	8	4	3	3	3
Tangerine darter	<i>Percina aurantiaca</i>	14	9	1	--	1	6	4	0	--	0
Gilt darter	<i>Percina evides</i>	3	2	4	1	--	1	1	2	0	--
Olive darter	<i>Percina squamata</i>	9	1	4	--	1	4	0	2	--	0
Walleye	<i>Stizostedion vitreum</i>	1	1	--	--	--	0	0	--	--	--
TOTAL		284	315	285	310	255	117	128	128	109	89

Table 7. Catch per unit effort (number of fish per hour and number of fish per 100 m of shoreline) for Station O-2, Oconaluftee River upstream of Bryson impoundment, during May 2001, July 2001, September 2001, and March 2002.

Common Name	Scientific Name	number of fish per hour				number of fish per 100 meter of shoreline			
		May	July	Sept	Mar	May	July	Sept	Mar
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>	3	2	1	6	2	2	1	5
Rainbow trout (stocked)	<i>Oncorhynchus mykiss</i>	--	1	--	2	--	1	--	2
Brown trout (wild)	<i>Salmo trutta</i>	--	--	--	1	--	--	--	1
Brown trout (stocked)	<i>Salmo trutta</i>	--	--	2	--	--	--	2	--
Brook trout (stocked)	<i>Salvelinus fontinalis</i>	--	1	--	--	--	1	--	--
Central stoneroller	<i>Campostoma anomalum</i>	20	15	11	22	15	14	8	17
Rosyside dace	<i>Clinostomus funduloides</i>	13	7	10	11	10	6	8	8
Whitetail shiner	<i>Cyprinella galacturus</i>	2	--	3	5	2	--	2	4
Warpaint shiner	<i>Luxilus coccogenis</i>	8	3	17	12	6	3	13	9
River chub	<i>Nocomis micropogon</i>	155	193	285	97	122	180	215	75
Tennessee shiner	<i>Notropis leuciodus</i>	9	11	5	4	7	10	4	3
Silver shiner	<i>Notropis photogenis</i>	--	--	--	1	--	--	--	1
Mirror shiner	<i>Notropis spectrunculus</i>	81	7	29	16	64	7	22	12
Telescope shiner	<i>Notropis telescopus</i>	1	--	--	7	1	--	--	5
Fatlips minnow	<i>Phenacobius crassilabrum</i>	2	2	4	7	2	2	3	5
Blacknose dace	<i>Rhinichthys atratulus</i>	--	3	--	--	--	3	--	--
Longnose dace	<i>Rhinichthys cataractae</i>	2	21	22	12	2	20	17	9
White sucker	<i>Catostomus commersoni</i>	13	2	3	4	10	2	2	3
Northern hog sucker	<i>Hypentelium nigricans</i>	11	18	8	5	8	17	6	4
Black redhorse	<i>Moxostoma duquesnei</i>	34	10	17	28	27	9	13	22
Golden redhorse	<i>Moxostoma erythrurum</i>	--	1	--	--	--	1	--	--
Mottled sculpin	<i>Cottus bairdi</i>	56	124	279	196	44	115	210	151
Rock bass	<i>Ambloplites rupestris</i>	20	13	9	8	15	12	7	6
Redbreast sunfish	<i>Lepomis auritus</i>	2	--	--	--	2	--	--	--
Bluegill	<i>Lepomis macrochirus</i>	3	--	--	--	2	--	--	--
Smallmouth bass	<i>Micropterus dolomieu</i>	2	2	3	2	2	2	2	2
Greenside darter	<i>Etheostoma blennioides</i>	39	20	49	13	31	18	37	10
Greenfin darter	<i>Etheostoma chlorbranchium</i>	117	127	191	233	92	118	144	179
Wounded darter	<i>Etheostoma vulneratum</i>	--	--	1	--	--	--	1	--
Gilt darter	<i>Percina evides</i>	13	5	5	5	10	5	4	4
Olive darter	<i>Percina squamata</i>	1	2	1	--	1	2	1	--
TOTAL		605	591	956	697	474	547	722	537

Table 8. Summary of Fatlips minnow, *Phenacobius crassilabrum*, collections from the Oconaluftee River, by sample station and sample date.

Date	Station No.	Method	Number	Total Length (mm)	Total Weight (g)	Spawning Condition
14.6.2001	1	BP	1	50-74	1	
		BP	1	75-99	1	
Subtotal			2		2	
18.7.2001	1	BP	2	50-74	6	
		Boat	1	77	4	
Subtotal			3		10	
13.9.2001	1	BP	3	50-74	10	
		BP	1	94	5	
Subtotal			4		15	
19.2.2002	1	Seine	1	90	--	
		Seine	1	95	--	
Subtotal			2			
26.3.2002	1	BP	1	67	2	
Subtotal			1		2	
22.5.2001	2	BP	1	100	9	R
		Boat	1	91	7	R
Subtotal			2		16	
18.7.2001	2	Boat	3	75-99	22	
Subtotal			3		22	
13.9.2001	2	BP	1	47	1	
		BP	2	50-74	2	
		Boat	1	74	4	
Subtotal			4		7	
16.4.2002	2	BP	1	73	4	
		Boat	1	74	4	R
		Boat	1	97	8	
		BP	4	75-99	28	R
		Seine	2	75-99	--	
Subtotal			9		44	
Total Fish Collected			30		118	

Table 9. Summary of Sicklefin redhorse, *Moxostoma sp.*, collections from the Oconaluftee River, by sample station and sample date.

Date	Station No.	Method	Number	Total Length (mm)	Total Weight (g)	Spawning Condition
14.6.2001	1	Boat	1	629	1.790	
Subtotal			1		1.790	
18.7.2001	1	Boat	1	428	810	
		Boat	1	532	1.294	
Subtotal			2		2.104	
26.3.2002	1	Boat	1	413	680	
Subtotal			1		680	
Total Fish Collected			4		4.574	

Table 10. Summary of Olive darter, *Percina squamata*, collections from Oconaluftee River, by sample station and sample date.

Date	Station No.	Method	Number	Total Length (mm)	Total Weight (g)	Spawning Condition
14.6.2001	1	BP	1	50-74	4	
		BP	5	75-99	40	
		BP	1	100-124	16	
		Boat	1	75-99	4	
		Boat	1	100-124	10	
Subtotal			9		74	
18.7.2001	1	BP	1	71	3	
Subtotal			1		3	
13.9.2001	1	BP	4	75-99	39	
Subtotal			4		39	
26.3.2002	1	BP	1	90	7	
Subtotal			1		7	
22.5.2001	2	Boat	1	112	15	M
Subtotal			1		15	
18.7.2001	2	BP	1	115	13	
		Boat	1	113	13	
Subtotal			2		26	
13.9.2001	2	BP	1	52	1	
Subtotal			1		1	
Total Fish Collected			19		165	

Table 11. Summary of Wounded darter, *Etheostoma vulneratum*, collections from Oconaluftee River, by sample station and sample date.

Date	Station No.	Method	Number	Total Length (mm)	Total Weight (g)	Spawning Condition
18.7.2001	1	BP	1	40	1	
		BP	2	50-74	4	
Subtotal			3		5	
13.9.2001	1	BP	1	55	2	
		BP	1	66	3	
Subtotal			2		5	
13.9.2001	2	BP	1	66	3	
Subtotal			1		3	
Total Fish Collected			6		13	

Table 12. Summary of Tangerine darter, *Percina aurantiaca*, collections from the Oconaluftee River, by sample station and sample date.

Date	Station No.	Method	Number	Total Length (mm)	Total Weight (g)	Spawning Condition
14.6.2001	1	BP	11	100-124	142	
		Boat	3	100-124	42	
Subtotal			14		184	
18.7.2001	1	BP	6	100-124	76	
		Boat	1	77	4	
		Boat	2	100-124	22	
Subtotal			9		102	
13.9.2001	1	BP	1	85	6	
Subtotal			1		6	
26.3.2002	1	BP	1	107	12	
Subtotal			1		12	
Total Fish Collected			25		304	

Table 13. Summary of Rosyside dace, *Clinostomus funduloides* ssp. 1, collections from Oconaluftee River, by sample station and sample date.

Date	Station No.	Method	Number	Total Length (mm)	Total Weight (g)	Spawning Condition
22.5.2001	2	BP	2	25-49	2	I
		BP	8	50-74	23	M
		BP	3	75-99	21	R
Subtotal			13	46		
18.7.2001	2	BP	1	28	<1	
		BP	6	50-74	10	
		BP	1	81	4	
Subtotal			8	14		
13.9.2001	2	BP	3	25-49	2	
		BP	7	75-99	43	
Subtotal			10	45		
16.4.2002	2	BP	4	25-49	2	
		BP	3	50-74	4	
		BP	4	75-99	15	R (1)
Subtotal			11	21		
Total Fish Collected			42	126		

Appendix 1 - Table 1. Size class and biomass data by sample station and period for fish collections associated with the Bryson Project.

Common Name	Scientific Name	O-1, May 2001				
		Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Central stoneroller	<i>Campostoma anomalum</i>	75-99	1	6	3	0,060
		125-149	2	54		
River chub	<i>Nocomis micropogon</i>	50-74	31	88	72	1,184
		75-99	16	142		
		100-124	17	342		
		150-174	4	194		
		175-199	2	162		
		200-224	1	112		
		225-249	1	144		
Whitetail shiner	<i>Cyprinella galacturus</i>	75-99	1	6	1	0,006
Tennessee shiner	<i>Notropis leuciodus</i>	25-49	1	TR	7	0,004
		50-74	6	4		
Mirror shiner	<i>Notropis spectrunculus</i>	25-49	1	6	8	0,032
		50-74	7	26		
Telescope shiner	<i>Notropis telescopus</i>	50-74	18	46	20	0,052
		75-99	2	6		
Fatlips minnow	<i>Phenacobius crassilabrum</i>	50-74	1	1	2	0,002
		75-99	1	1		
Northern hog sucker	<i>Hypentelium nigricans</i>	75-99	3	30	22	2,248
		100-124	4	58		
		125-149	4	126		
		150-174	1	42		
		200-224	3	356		
		250-274	5	1,064		
		275-299	2	572		
River redhorse	<i>Moxostoma carinatum</i>	325-349	1	340	1	0,340
Black redhorse	<i>Moxostoma duquesnei</i>	100-124	1	14	13	6,108
		125-149	1	22		
		350-374	2	882		
		375-399	3	1,396		
		400-424	6	3,794		
Sicklefin redhorse	<i>Moxostoma spp.</i>	625-649	1	1,790	1	1,790
Rock bass	<i>Ambloplites rupestris</i>	50-74	3	10	34	2,710
		75-99	3	52		
		100-124	5	136		
		125-149	3	130		
		150-174	8	628		
		175-199	9	1,154		
		200-224	3	600		

Appendix 1 - Table 1. Continued

		O-1, May 2001																																																																																				
Common Name	Scientific Name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)																																																																																
Greenside darter	<i>Etheostoma blennioides</i>	50-74	15	49	25	0,127																																																																																
		75-99	10	78			Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	6	7	19	0,055	50-74	11	32	75-99	2	16	Wounded darter	<i>Etheostoma vulneratum</i>	25-49	1	1	1	0,001	Banded darter	<i>Etheostoma zonale</i>	25-49	4	4	20	0,025	50-74	16	21	Tangerine darter	<i>Percina aurantiaca</i>	100-124	14	184	14	0,184	Gilt darter	<i>Percina evides</i>	25-49	1	1	3	0,005	50-74	2	4	Olive darter	<i>Percina squamata</i>	50-74	1	4	9	0,074	75-99	6	44	100-124	2	26	Walleye	<i>Stizostedion vitreum</i>	575-599	1	1.800	1	1,800	Mottled sculpin	<i>Cottus bairdi</i>	50-74	2	5	4	0,019	75-99	2	14	Total Number and Weight of Fish Collected		
Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	6	7	19	0,055																																																																																
		50-74	11	32																																																																																		
		75-99	2	16			Wounded darter	<i>Etheostoma vulneratum</i>	25-49	1	1	1	0,001	Banded darter	<i>Etheostoma zonale</i>	25-49	4	4	20	0,025	50-74	16	21	Tangerine darter	<i>Percina aurantiaca</i>	100-124	14	184	14	0,184	Gilt darter	<i>Percina evides</i>	25-49	1	1	3	0,005	50-74	2	4	Olive darter	<i>Percina squamata</i>	50-74	1	4	9	0,074	75-99	6	44	100-124	2	26	Walleye	<i>Stizostedion vitreum</i>	575-599	1	1.800	1	1,800	Mottled sculpin	<i>Cottus bairdi</i>	50-74	2	5	4	0,019	75-99	2	14	Total Number and Weight of Fish Collected					280	16,826									
Wounded darter	<i>Etheostoma vulneratum</i>	25-49	1	1	1	0,001																																																																																
Banded darter	<i>Etheostoma zonale</i>	25-49	4	4	20	0,025																																																																																
		50-74	16	21			Tangerine darter	<i>Percina aurantiaca</i>	100-124	14	184	14	0,184	Gilt darter	<i>Percina evides</i>	25-49	1	1	3	0,005	50-74	2	4	Olive darter	<i>Percina squamata</i>	50-74	1	4	9	0,074	75-99	6	44	100-124	2	26	Walleye	<i>Stizostedion vitreum</i>	575-599	1	1.800	1	1,800	Mottled sculpin	<i>Cottus bairdi</i>	50-74	2	5	4	0,019	75-99	2	14	Total Number and Weight of Fish Collected					280	16,826																										
Tangerine darter	<i>Percina aurantiaca</i>	100-124	14	184	14	0,184																																																																																
Gilt darter	<i>Percina evides</i>	25-49	1	1	3	0,005																																																																																
		50-74	2	4			Olive darter	<i>Percina squamata</i>	50-74	1	4	9	0,074	75-99	6	44	100-124	2	26	Walleye	<i>Stizostedion vitreum</i>	575-599	1	1.800	1	1,800	Mottled sculpin	<i>Cottus bairdi</i>	50-74	2	5	4	0,019	75-99	2	14	Total Number and Weight of Fish Collected					280	16,826																																											
Olive darter	<i>Percina squamata</i>	50-74	1	4	9	0,074																																																																																
		75-99	6	44																																																																																		
		100-124	2	26			Walleye	<i>Stizostedion vitreum</i>	575-599	1	1.800	1	1,800	Mottled sculpin	<i>Cottus bairdi</i>	50-74	2	5	4	0,019	75-99	2	14	Total Number and Weight of Fish Collected					280	16,826																																																								
Walleye	<i>Stizostedion vitreum</i>	575-599	1	1.800	1	1,800																																																																																
Mottled sculpin	<i>Cottus bairdi</i>	50-74	2	5	4	0,019																																																																																
		75-99	2	14			Total Number and Weight of Fish Collected					280	16,826																																																																									
Total Number and Weight of Fish Collected					280	16,826																																																																																

Appendix 1 - Table 2. Size class and biomass data by sample station and period for fish collections associated with Bryson Project.

		O-1, July 2001																																																																																																																																																								
Common Name	Scientific name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)																																																																																																																																																				
Central stoneroller	<i>Campostoma anomalum</i>	125-149	3	73	5	0,149																																																																																																																																																				
		150-174	2	76			Goldfish	<i>Carassius auratus</i>	175-199	1	146	1	0,146	Warpaint shiner	<i>Luxilus coccogenis</i>	0-24	2	TR	35	0,073	25-49	23	5	50-74	7	38	100-124	3	30	River chub	<i>Nocomis micropogon</i>	50-74	10	30	53	0,971	75-99	15	108	100-124	18	290	125-149	6	228	150-174	2	106	175-199	1	96	200-224	1	113	Tennessee shiner	<i>Notropis leuciodus</i>	25-49	2	1	5	0,007	50-74	3	6	Silver shiner	<i>Notropis photogenis</i>	25-49	2	1	5	0,021	75-99	2	10	100-124	1	10	Mirror shiner	<i>Notropis spectrunculus</i>	25-49	7	3	15	0,009	50-74	8	6	Fatlips minnow	<i>Phenacobius crassilabrum</i>	50-74	2	6	3	0,010	75-99	1	4	Creek chub	<i>Semotilus atromaculatus</i>	50-74	1	2	1	0,002	White sucker	<i>Catostomus commersoni</i>	325-349	1	286	1	0,286	Northern hog sucker	<i>Hypentelium nigricans</i>	75-99	3	32	36	4,628	100-124	7	109	125-149	4	96	150-174	3	142	200-224	4	398	225-249	5	711	250-274	4	822	275-299	1	306	300-324	2	622	325-349	1	466	350-374	2	924	River redhorse	<i>Moxostoma carinatum</i>	525-549	1	1.382	3
Goldfish	<i>Carassius auratus</i>	175-199	1	146	1	0,146																																																																																																																																																				
Warpaint shiner	<i>Luxilus coccogenis</i>	0-24	2	TR	35	0,073																																																																																																																																																				
		25-49	23	5																																																																																																																																																						
		50-74	7	38																																																																																																																																																						
		100-124	3	30																																																																																																																																																						
River chub	<i>Nocomis micropogon</i>	50-74	10	30	53	0,971																																																																																																																																																				
		75-99	15	108																																																																																																																																																						
		100-124	18	290																																																																																																																																																						
		125-149	6	228																																																																																																																																																						
		150-174	2	106																																																																																																																																																						
		175-199	1	96																																																																																																																																																						
		200-224	1	113																																																																																																																																																						
Tennessee shiner	<i>Notropis leuciodus</i>	25-49	2	1	5	0,007																																																																																																																																																				
		50-74	3	6																																																																																																																																																						
Silver shiner	<i>Notropis photogenis</i>	25-49	2	1	5	0,021																																																																																																																																																				
		75-99	2	10																																																																																																																																																						
		100-124	1	10																																																																																																																																																						
Mirror shiner	<i>Notropis spectrunculus</i>	25-49	7	3	15	0,009																																																																																																																																																				
		50-74	8	6																																																																																																																																																						
Fatlips minnow	<i>Phenacobius crassilabrum</i>	50-74	2	6	3	0,010																																																																																																																																																				
		75-99	1	4																																																																																																																																																						
Creek chub	<i>Semotilus atromaculatus</i>	50-74	1	2	1	0,002																																																																																																																																																				
White sucker	<i>Catostomus commersoni</i>	325-349	1	286	1	0,286																																																																																																																																																				
Northern hog sucker	<i>Hypentelium nigricans</i>	75-99	3	32	36	4,628																																																																																																																																																				
		100-124	7	109																																																																																																																																																						
		125-149	4	96																																																																																																																																																						
		150-174	3	142																																																																																																																																																						
		200-224	4	398																																																																																																																																																						
		225-249	5	711																																																																																																																																																						
		250-274	4	822																																																																																																																																																						
		275-299	1	306																																																																																																																																																						
		300-324	2	622																																																																																																																																																						
		325-349	1	466																																																																																																																																																						
		350-374	2	924																																																																																																																																																						
River redhorse	<i>Moxostoma carinatum</i>	525-549	1	1.382	3	5,464																																																																																																																																																				
		600-625	2	4.082																																																																																																																																																						

Appendix 1 - Table 2. Continued

		O-1, July 2001				
Common Name	Scientific name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Black redhorse	<i>Moxostoma duquesnei</i>	100-124	1	16	24	10,128
		275-299	1	268		
		300-324	2	600		
		325-349	4	1,492		
		350-374	7	3,006		
		375-399	6	2,946		
		400-424	3	1,800		
Sicklefin redhorse	<i>Moxostoma spp.</i>	425-449	1	810	2	2,104
		525-549	1	1,294		
Channel catfish	<i>Ictalurus punctatus</i>	425-449	1	771	1	0,771
Rock bass	<i>Ambloplites rupestris</i>	0-24	3	TR	37	2,774
		50-74	2	4		
		75-99	1	10		
		100-124	4	138		
		125-149	8	373		
		150-174	10	810		
		175-199	6	742		
		200-224	2	338		
		250-274	1	359		
Bluegill	<i>Lepomis macrochirus</i>	100-124	1	26	2	0,146
		175-199	1	120		
Greenside darter	<i>Etheostoma blennioides</i>	50-74	6	16	14	0,078
		75-99	7	47		
		100-124	1	15		
Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	8	8	25	0,054
		50-74	14	30		
		75-99	3	16		
Wounded darter	<i>Etheostoma vulneratum</i>	25-49	1	1	3	0,005
		50-74	2	4		
Banded darter	<i>Etheostoma zonale</i>	25-49	5	6	9	0,014
		50-74	4	8		
Tangerine darter	<i>Percina aurantiaca</i>	75-99	1	4	9	0,102
		100-124	8	98		
Gilt darter	<i>Percina evides</i>	50-74	2	2	2	0,002
Olive darter	<i>Percina squamata</i>	50-74	1	3	1	0,003
Walleye	<i>Stizostedion vitreum</i>	325-349	1	834	1	0,834

Appendix 1 - Table 2. Continued

		O-1, July 2001				
Common Name	Scientific name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Mottled sculpin	<i>Cottus bairdi</i>	25-49	11	4	13	0,014
		50-74	1	3		
		75-99	1	7		
Total Number and Weight of Fish Collected					306	28,795

Appendix 1 - Table 3. Size class and biomass data by sample station and period for fish collections associated with Bryson Project.

		O-1, September 2001				
Common Name	Scientific Name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Rainbow trout (wild)	<i>Oncorhynchus mykiss</i>	325-349	1	277	1	0,277
Brown trout (wild)	<i>Salmo trutta</i>	125-149	1	122	2	0,553
		350-374	1	431		
Central stoneroller	<i>Campostoma anomalum</i>	75-99	3	24	8	0,109
		100-124	4	63		
		125-149	1	22		
Goldfish	<i>Carassius auratus</i>	225-249	1	201	1	0,201
Warpaint shiner	<i>Luxilus coccogenis</i>	50-74	23	35	25	0,058
		100-124	2	23		
River chub	<i>Nocomis micropogon</i>	25-49	21	10	91	1,262
		50-74	10	36		
		75-99	30	226		
		100-124	12	176		
		125-149	7	213		
		150-174	10	478		
		200-224	1	123		
Whitetail shiner	<i>Cyprinella galacturus</i>	50-74	4	12	4	0,012
Tennessee shiner	<i>Notropis leuciodus</i>	25-49	2	1	8	0,017
		50-74	6	16		
Silver shiner	<i>Notropis photogenis</i>	50-74	1	2	3	0,018
		100-124	2	16		
Mirror shiner	<i>Notropis spectrunculus</i>	50-74	6	11	6	0,011
Telescope shiner	<i>Notropis telescopus</i>	50-74	3	6	15	0,044
		75-99	12	38		
Fatlips minnow	<i>Phenacobius crassilabrum</i>	50-74	3	10	4	0,015
		75-99	1	5		
White sucker	<i>Catostomus commersoni</i>	300-324	2	552	2	0,552
Northern hog sucker	<i>Hypentelium nigricans</i>	50-74	1	2	22	1,609
		75-99	2	20		
		100-124	7	87		
		125-149	1	28		
		150-174	3	119		
		200-224	2	189		
		225-249	4	561		
		275-299	1	267		
300-324	1	336				

Appendix 1 - Table 3. Continued

		O-1, September 2001				
Common Name	Scientific Name	Size Class	Size Class	Size Class	Total	Total
			Number	Weight (g)	Number	Weight (kg)
River redhorse	<i>Moxostoma carinatum</i>	500-524	2	2.284	7	11,482
		525-549	1	1.642		
		550-574	1	1.493		
		575-599	1	1.751		
		600-624	1	2.040		
		625-649	1	2.272		
		Black redhorse	<i>Moxostoma duquesnei</i>	125-149		
150-174	1			41		
275-299	1			247		
300-324	1			255		
325-349	4			1.421		
350-374	7			2.928		
375-399	7			3.167		
400-424	4			2.345		
425-449	1			751		
Golden redhorse	<i>Moxostoma erythrurum</i>	375-399	1	587	1	0,587
Rock bass	<i>Ambloplites rupestris</i>	0-24	1	TR	16	0,703
		25-49	4	TR		
		75-99	1	8		
		100-124	1	31		
		125-149	3	160		
		150-174	5	389		
		175-199	1	115		
		Bluegill	<i>Lepomis macrochirus</i>	100-124		
Smallmouth bass	<i>Micropterus dolomieu</i>	50-74	1	1	1	0,001
Spotted bass	<i>Micropterus punctulatus</i>	75-99	1	7	1	0,007
Greenside darter	<i>Etheostoma blennioides</i>	50-74	3	8	14	0,080
		75-99	11	72		
Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	5	6	17	0,039
		50-74	12	33		
Wounded darter	<i>Etheostoma vulneratum</i>	50-74	1	2	1	0,002
Banded darter	<i>Etheostoma zonale</i>	50-74	6	13	6	0,013
Tangerine darter	<i>Percina aurantiaca</i>	75-99	1	6	1	0,006
Gilt darter	<i>Percina evides</i>	50-74	4	12	4	0,012
Olive darter	<i>Percina squamata</i>	75-99	4	39	4	0,039

Appendix 1 - Table 3. Continued

		O-1, September 2001				
Common Name	Scientific Name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Mottled sculpin	<i>Cottus bairdi</i>	25-49	9	7	12	0,034
		50-74	1	5		
		75-99	2	22		
Total Number and Weight of Fish Collected					308	29,039

Appendix 1 - Table 4. Size class and biomass data by sample station and period for fish collections associated with Bryson Project.

		O-1, February 2002				
Common Name	Scientific Name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Rainbow trout (wild)	<i>Oncorhynchus mykiss</i>	200-224	1	81	1	0,081
Rainbow trout (stocked)	<i>Oncorhynchus mykiss</i>	225-249	1	124	4	0,795
		250-274	1	157		
		275-299	1	228		
		300-324	1	286		
Brown trout (wild)	<i>Salmo trutta</i>	275-299	2	434	2	0,434
Central stoneroller	<i>Campostoma anomalum</i>	25-49	1	1	5	0,101
		100-124	3	50		
		150-174	1	50		
Warpaint shiner	<i>Luxilus coccogenis</i>	50-74	2	2	17	0,116
		75-99	12	71		
		100-124	2	25		
		125-149	1	18		
River chub	<i>Nocomis micropogon</i>	25-49	1	1	135	2,310
		50-74	19	72		
		75-99	42	296		
		100-124	39	574		
		125-149	23	589		
		150-174	5	254		
		175-199	4	322		
		200-224	2	202		
Whitetail shiner	<i>Cyprinella galacturus</i>	75-99	1	3	2	0,020
		125-149	1	17		
Tennessee shiner	<i>Notropis leuciodus</i>	50-74	1	2	1	0,002
Mirror shiner	<i>Notropis spectrunculus</i>	50-74	2	3	11	0,019
		75-99	9	16		
Telescope shiner	<i>Notropis telescopus</i>	50-74	1	2	3	0,014
		75-99	2	12		
White sucker	<i>Catostomus commersoni</i>	100-124	1	16	2	0,078
		175-199	1	62		
Northern hog sucker	<i>Hypentelium nigricans</i>	50-74	3	9	36	2,284
		75-99	2	13		
		100-124	10	154		
		125-149	7	161		
		150-174	6	281		
		175-199	2	127		
		200-224	1	124		
		225-249	1	117		
		250-274	1	204		
		275-299	2	561		
		325-350	1	533		

Appendix 1 - Table 4. Continued

		O-1, February 2002																																																																						
Common Name	Scientific Name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)																																																																		
Black rehorse	<i>Moxostoma duquesnei</i>	150-174	3	112	4	0,157																																																																		
		175-199	1	45			Rock bass	<i>Ambloplites rupestris</i>	75-99	1	13	13	1,117	100-124	1	25	125-149	3	125	150-174	3	245	175-199	3	376	200-224	2	333	Smallmouth bass	<i>Micropterus dolomieu</i>	100-124	2	40	2	0,040	Greenside darter	<i>Etheostoma blennioides</i>	50-74	2	7	5	0,034	75-99	3	27	Banded darter	<i>Etheostoma zonale</i>	50-74	8	16	8	0,016	Gilt darter	<i>Percina evides</i>	50-74	1	1	1	0,001	Mottled sculpin	<i>Cottus bairdi</i>	25-49	12	12	13	0,024	75-99	1	12	Total Number and Weight of Fish Collected		
Rock bass	<i>Ambloplites rupestris</i>	75-99	1	13	13	1,117																																																																		
		100-124	1	25																																																																				
		125-149	3	125																																																																				
		150-174	3	245																																																																				
		175-199	3	376																																																																				
		200-224	2	333																																																																				
Smallmouth bass	<i>Micropterus dolomieu</i>	100-124	2	40	2	0,040																																																																		
Greenside darter	<i>Etheostoma blennioides</i>	50-74	2	7	5	0,034																																																																		
		75-99	3	27																																																																				
Banded darter	<i>Etheostoma zonale</i>	50-74	8	16	8	0,016																																																																		
Gilt darter	<i>Percina evides</i>	50-74	1	1	1	0,001																																																																		
Mottled sculpin	<i>Cottus bairdi</i>	25-49	12	12	13	0,024																																																																		
		75-99	1	12																																																																				
Total Number and Weight of Fish Collected					265	7,643																																																																		

Appendix 1 - Table 5. Size class and biomass data by sample station and period for fish collections associated with Bryson Project.

		O-1 March 2002				
Common Name	Scientific Name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Rainbow trout (stocked)	<i>Oncorhynchus mykiss</i>	200-224	1	92	3	0,387
		225-249	1	114		
		250-274	1	181		
Brown trout (stocked)	<i>Salmo trutta</i>	475-499	1	1,520	1	1,520
Central stoneroller	<i>Campostoma anomalum</i>	50-74	1	3	11	0,224
		75-99	2	10		
		100-124	6	112		
		150-174	1	24		
		175-199	1	75		
Warpaint shiner	<i>Luxilus coccogenis</i>	50-74	2	2	4	0,028
		100-124	1	10		
		125-149	1	16		
River chub	<i>Nocomis micropogon</i>	25-49	8	9	81	1,523
		50-74	14	49		
		75-99	31	218		
		100-124	11	173		
		125-149	5	150		
		150-174	6	294		
		175-199	3	239		
		200-224	2	250		
		225-249	1	141		
Tennessee shiner	<i>Notropis leuciodus</i>	0-24	1	TR	3	0,005
		50-74	1	2		
		75-99	1	3		
Mirror shiner	<i>Notropis spectrunculus</i>	50-74	7	15	7	0,015
Telescope shiner	<i>Notropis telescopus</i>	75-99	1	5	1	0,005
Fatlips minnow	<i>Phenacobius crassilabrum</i>	50-74	1	2	1	0,002
White sucker	<i>Catostomus commersoni</i>	125-149	1	22	2	0,768
		400-424	1	746		
Northern hog sucker	<i>Hypentelium nigricans</i>	50-74	4	14	19	0,974
		75-99	3	26		
		100-124	8	120		
		150-174	1	40		
		225-249	1	177		
		275-299	2	597		
River redhorse	<i>Moxostoma carinatum</i>	450-474	2	2,274	5	8,401
		525-549	1	1,820		
		575-599	1	2,264		
		600-624	1	2,043		

Appendix 1 - Table 5. Continued

		O-1 March 2002				
Common Name	Scientific Name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Black redhorse	<i>Moxostoma duquesnei</i>	75-99	1	3	13	6,728
		275-299	1	235		
		300-324	1	327		
		350-374	2	938		
		375-399	3	1,700		
		400-424	4	2,708		
		425-449	1	817		
Golden redhorse	<i>Moxostoma erythrurum</i>	400-424	5	3,744	8	6,854
		425-449	1	959		
		450-474	2	2,151		
Sicklefin redhorse	<i>Moxostoma spp.</i>	400-424	1	680	1	0,680
Rock bass	<i>Ambloplites rupestris</i>	25-49	1	2	31	1,510
		50-74	2	11		
		75-99	1	8		
		100-124	5	104		
		125-149	14	599		
		150-174	3	211		
		175-199	5	575		
Redbreast sunfish	<i>Lepomis auritus</i>	50-74	1	5	1	0,005
Smallmouth bass	<i>Micropterus dolomieu</i>	275-299	1	286	1	0,286
Greenside darter	<i>Etheostoma blennioides</i>	50-74	2	7	5	0,029
		75-99	3	22		
Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	2	3	7	0,014
		50-74	4	6		
		75-99	1	5		
Banded darter	<i>Etheostoma zonale</i>	25-49	1	1	6	0,011
		50-74	5	10		
Tangerine darter	<i>Percina aurantiaca</i>	100-124	1	12	1	0,012
Olive darter	<i>Percina squamata</i>	75-99	1	7	1	0,007
Mottled sculpin	<i>Cottus bairdi</i>	25-49	4	11	6	0,015
		50-74	2	4		
Total Number and Weight of Fish Collected					219	30,003

Appendix 1 - Table 6. Size class and biomass data by sample station and period for fish collections associated with Bryson Project.

		O-2, May 2001																																																																																																																																																															
Common Name	Scientific Name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)																																																																																																																																																											
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>	125-149	2	8	3	0,016																																																																																																																																																											
		150-174	1	8			Central stoneroller	<i>Campostoma anomalum</i>	50-74	3	9	20	0,213	75-99	12	49	100-124	1	16	125-149	4	139	Rosyside dace	<i>Clinostomus ssp.</i>	25-49	2	2	13	0,046	50-74	8	23	75-99	3	21	Warpaint shiner	<i>Luxilus coccogenis</i>	50-74	4	9	8	0,041	75-99	3	22	100-124	1	10	River chub	<i>Nocomis micropogon</i>	25-49	1	1	158	1,056	50-74	89	170	75-99	25	160	100-124	36	515	125-149	7	210	Whitetail shiner	<i>Cyprinella galacturus</i>	75-99	2	9	2	0,009	Tennessee shiner	<i>Notropis leuciodus</i>	25-49	4	4	9	0,024	50-74	3	9	75-99	2	11	Mirror shiner	<i>Notropis spectrunculus</i>	0-24	1	TR	83	0,153	25-49	10	5	50-74	72	148	Telescope shiner	<i>Notropis telescopus</i>	75-99	1	3	1	0,003	Fatlips minnow	<i>Phenacobius crassilabrum</i>	75-99	1	7	2	0,016	100-124	1	9	Longnose dace	<i>Rhinichthys cataractae</i>	50-74	1	3	2	0,015	100-124	1	12	White sucker	<i>Catostomus commersoni</i>	100-124	3	50	13	2,291	125-149	1	28	175-199	3	269	275-299	1	233	300-324	2	553	325-349	3	1.158	Northern hog sucker	<i>Hypentelium nigricans</i>	50-74	1	4	11	0,231	75-99	8	55	150-174	1
Central stoneroller	<i>Campostoma anomalum</i>	50-74	3	9	20	0,213																																																																																																																																																											
		75-99	12	49																																																																																																																																																													
		100-124	1	16																																																																																																																																																													
		125-149	4	139																																																																																																																																																													
Rosyside dace	<i>Clinostomus ssp.</i>	25-49	2	2	13	0,046																																																																																																																																																											
		50-74	8	23																																																																																																																																																													
		75-99	3	21																																																																																																																																																													
Warpaint shiner	<i>Luxilus coccogenis</i>	50-74	4	9	8	0,041																																																																																																																																																											
		75-99	3	22																																																																																																																																																													
		100-124	1	10																																																																																																																																																													
River chub	<i>Nocomis micropogon</i>	25-49	1	1	158	1,056																																																																																																																																																											
		50-74	89	170																																																																																																																																																													
		75-99	25	160																																																																																																																																																													
		100-124	36	515																																																																																																																																																													
		125-149	7	210																																																																																																																																																													
Whitetail shiner	<i>Cyprinella galacturus</i>	75-99	2	9	2	0,009																																																																																																																																																											
Tennessee shiner	<i>Notropis leuciodus</i>	25-49	4	4	9	0,024																																																																																																																																																											
		50-74	3	9																																																																																																																																																													
		75-99	2	11																																																																																																																																																													
Mirror shiner	<i>Notropis spectrunculus</i>	0-24	1	TR	83	0,153																																																																																																																																																											
		25-49	10	5																																																																																																																																																													
		50-74	72	148																																																																																																																																																													
Telescope shiner	<i>Notropis telescopus</i>	75-99	1	3	1	0,003																																																																																																																																																											
Fatlips minnow	<i>Phenacobius crassilabrum</i>	75-99	1	7	2	0,016																																																																																																																																																											
		100-124	1	9																																																																																																																																																													
Longnose dace	<i>Rhinichthys cataractae</i>	50-74	1	3	2	0,015																																																																																																																																																											
		100-124	1	12																																																																																																																																																													
White sucker	<i>Catostomus commersoni</i>	100-124	3	50	13	2,291																																																																																																																																																											
		125-149	1	28																																																																																																																																																													
		175-199	3	269																																																																																																																																																													
		275-299	1	233																																																																																																																																																													
		300-324	2	553																																																																																																																																																													
		325-349	3	1.158																																																																																																																																																													
Northern hog sucker	<i>Hypentelium nigricans</i>	50-74	1	4	11	0,231																																																																																																																																																											
		75-99	8	55																																																																																																																																																													
		150-174	1	56																																																																																																																																																													
		200-224	1	116																																																																																																																																																													

Appendix 1 - Table 6. Continued

		O-2, May 2001				
Common Name	Scientific Name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Black redhorse	<i>Moxostoma duquesnei</i>	50-74	1	2	35	5,978
		75-99	7	50		
		175-199	4	312		
		200-224	9	856		
		225-249	1	177		
		250-274	1	179		
		275-299	3	826		
		300-324	1	286		
		325-349	6	2,336		
		350-374	2	954		
Rock bass	<i>Ambloplites rupestris</i>	25-49	3	6	20	1,129
		50-74	1	5		
		75-99	1	18		
		100-124	8	238		
		125-149	2	83		
		150-174	2	194		
		175-199	1	110		
		200-224	1	235		
		225-249	1	240		
Redbreast sunfish	<i>Lepomis auritus</i>	100-124	1	29	2	0,144
		150-174	1	115		
Bluegill	<i>Lepomis macrochirus</i>	100-124	2	60	3	0,216
		175-199	1	156		
Smallmouth bass	<i>Micropterus dolomieu</i>	175-199	1	89	2	0,260
		225-249	1	171		
Greenside darter	<i>Etheostoma blennioides</i>	25-49	1	1	40	0,166
		50-74	27	71		
		75-99	9	58		
		100-124	3	36		
Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	14	14	119	0,418
		50-74	92	310		
		75-99	13	94		
Gilt darter	<i>Percina evides</i>	50-74	12	46	13	0,052
		75-99	1	6		
Olive darter	<i>Percina squamata</i>	100-124	1	15	1	0,015
Mottled sculpin	<i>Cottus bairdi</i>	50-74	11	37	57	0,349
		75-99	46	312		
Total Number and Weight of Fish Collected					617	12,841

Appendix 1 - Table 7. Size class and biomass data by sample station and period for fish collections associated with Bryson Project.

		O-2, July 2001				
Common Name	Scientific name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>	175-199	2	6	2	0,006
Rainbow trout (stocked)	<i>Oncorhynchus mykiss</i>	275-299	1	207	1	0,207
Brook trout (stocked)	<i>Salvelinus fontinalis</i>	250-274	1	214	1	0,214
Central stoneroller	<i>Campostoma anomalum</i>	25-49	3	2	18	0,139
		50-74	3	9		
		75-99	9	53		
		100-124	2	46		
		125-149	1	29		
Rosyside dace	<i>Clinostomus funduloides</i>	25-49	1	TR	8	0,014
		50-74	6	10		
		75-99	1	4		
Warpaint shiner	<i>Luxilus coccogenis</i>	50-74	3	7	4	0,016
		175-199	1	9		
River chub	<i>Nocomis micropogon</i>	50-74	106	268	234	2,242
		75-99	66	514		
		100-124	40	599		
		125-149	15	458		
		150-174	6	326		
		175-199	1	77		
Tennessee shiner	<i>Notropis leuciodus</i>	50-74	13	17	13	0,017
Mirror shiner	<i>Notropis spectrunculus</i>	25-49	1	1	9	0,015
		50-74	8	14		
Fatlips minnow	<i>Phenacobius crassilabrum</i>	75-99	3	22	3	0,022
Blacknose dace	<i>Rhinichthys atratulus</i>	25-49	4	3	4	0,003
Longnose dace	<i>Rhinichthys cataractae</i>	25-49	23	14	26	0,039
		50-74	1	3		
		100-124	2	22		
White sucker	<i>Catostomus commersoni</i>	125-149	1	17	3	1,078
		325-349	1	413		
		375-399	1	648		
Northern hog sucker	<i>Hypentelium nigricans</i>	25-49	3	1	22	1,557
		75-99	1	10		
		100-124	3	30		
		175-199	6	402		
		200-224	7	820		
		225-249	1	114		
		250-274	1	180		

Appendix 1 - Table 7. Continued

		O-2, July 2001				
Common Name	Scientific name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Black redhorse	<i>Moxostoma duquesnei</i>	75-99	1	6	12	3,618
		100-124	2	21		
		200-224	1	94		
		325-349	3	1,040		
		350-374	3	1,363		
		375-399	2	1,094		
Golden redhorse	<i>Moxostoma erythrurum</i>	100-124	1	6	1	0,006
Rock bass	<i>Ambloplites rupestris</i>	25-49	1	3	16	0,806
		50-74	2	8		
		75-99	1	12		
		100-124	6	177		
		125-149	2	94		
		150-174	2	136		
		175-199	1	137		
		200-224	1	239		
Smallmouth bass	<i>Micropterus dolomieu</i>	75-99	1	6	2	0,073
		175-199	1	67		
Greenside darter	<i>Etheostoma blennioides</i>	50-74	14	48	24	0,143
		75-99	7	53		
		100-124	3	42		
Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	14	17	154	0,494
		50-74	124	377		
		75-99	16	100		
Gilt darter	<i>Percina evides</i>	50-74	6	13	6	0,013
Olive darter	<i>Percina squamata</i>	100-124	2	26	2	0,026
Mottled sculpin	<i>Cottus bairdi</i>	25-49	88	40	150	0,402
		50-74	19	53		
		75-99	43	309		
Total Number and Weight of Fish Collected					715	11,150

Appendix 1 - Table 8. Size class and biomass data by sample station and period for fish collections associated with Bryson Project.

		O-2, September 2001				
Common Name	Scientific Name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>	125-149	1	7	1	0,007
Brown trout (stocked)	<i>Salmo trutta</i>	200-224	1	89	2	0,211
		225-249	1	122		
Central stoneroller	<i>Campostoma anomalum</i>	25-49	2	2	11	0,162
		50-74	1	1		
		75-99	3	21		
		100-124	2	23		
		125-149	1	25		
		150-174	2	90		
Rosyside dace	<i>Clinostomus funduloides</i>	25-49	3	2	10	0,045
		75-99	7	43		
Warpaint shiner	<i>Luxilus coccogenis</i>	25-49	15	9	17	0,042
		100-124	1	12		
		125-149	1	21		
River chub	<i>Nocomis micropogon</i>	25-49	17	9	279	2,483
		50-74	94	303		
		75-99	90	578		
		100-124	56	779		
		125-149	14	340		
		150-174	6	326		
		175-199	1	68		
		200-224	1	80		
Whitetail shiner	<i>Cyprinella galacturus</i>	50-74	1	2	3	0,020
		75-99	1	6		
		100-124	1	12		
Tennessee shiner	<i>Notropis leuciodus</i>	25-49	5	2	5	0,002
Mirror shiner	<i>Notropis spectrunculus</i>	0-24	1	TR	28	0,042
		25-49	2	1		
		50-74	25	41		
Fatlips minnow	<i>Phenacobius crassilabrum</i>	25-49	1	1	4	0,007
		50-74	3	6		
Longnose dace	<i>Rhinichthys cataractae</i>	50-74	19	31	22	0,048
		75-99	3	17		
White sucker	<i>Catostomus commersoni</i>	175-199	1	69	3	0,615
		225-249	1	139		
		350-374	1	407		

Appendix 1 - Table 8. Continued

		O-2, September 2001				
Common Name	Scientific Name	Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Northern hog sucker	<i>Hypentelium nigricans</i>	100-124	4	49	8	0,613
		150-174	2	94		
		200-224	1	105		
		325-349	1	365		
Black redbhorse	<i>Moxostoma duquesnei</i>	100-124	3	37	17	5,454
		225-249	1	123		
		250-274	2	305		
		300-324	1	260		
		325-349	3	1,110		
		350-374	5	2,164		
		375-399	1	510		
		450-474	1	945		
		Rock bass	<i>Ambloplites rupestris</i>	50-74		
100-124	2			64		
125-149	2			72		
150-174	3			203		
Smallmouth bass	<i>Micropterus dolomieu</i>	225-249	2	315	3	0,932
		350-374	1	617		
Greenside darter	<i>Etheostoma blennioides</i>	25-49	10	9	48	0,262
		50-74	8	27		
		75-99	24	156		
		100-124	6	70		
Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	2	2	187	0,608
		50-74	156	437		
		75-99	29	169		
Wounded darter	<i>Etheostoma vulneratum</i>	50-74	1	3	1	0,003
Gilt darter	<i>Percina evides</i>	50-74	1	4	5	0,016
		75-99	4	12		
Olive darter	<i>Percina squamata</i>	50-74	1	1	1	0,001
Mottled sculpin	<i>Cottus bairdi</i>	25-49	202	245	273	0,715
		50-74	37	208		
		75-99	34	262		
Total Number and Weight of Fish Collected					937	12,644

Appendix 1 - Table 9. Size class and biomass data by sample station and period for fish collections associated with Bryson Project.

Common Name	Scientific Name	O-2 March 2002				
		Size Class	Size Class Number	Size Class Weight (g)	Total Number	Total Weight (kg)
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>	100-124	2	10	6	0,035
		125-149	3	18		
		150-174	1	7		
Rainbow trout (stocked)	<i>Oncorhynchus mykiss</i>	250-274	1	135	2	0,567
		325-349	1	432		
Brown trout (wild)	<i>Salmo trutta</i>	150-174	1	32	1	0,032
Central stoneroller	<i>Campostoma anomalum</i>	25-49	3	2	22	0,353
		50-74	5	15		
		75-99	5	33		
		100-124	3	47		
		125-149	4	141		
		150-174	2	115		
Rosyside dace	<i>Clinostomus ssp.</i>	25-49	4	2	11	0,021
		50-74	3	4		
		75-99	4	15		
Warpaint shiner	<i>Luxilus coccogenis</i>	25-49	6	4	12	0,063
		50-74	1	1		
		75-99	1	4		
		100-124	4	54		
River chub	<i>Nocomis micropogon</i>	25-49	8	8	97	1,109
		50-74	29	92		
		75-99	22	135		
		100-124	25	360		
		125-149	10	298		
		150-174	1	43		
		175-199	2	173		
Whitetail shiner	<i>Cyprinella galacturus</i>	50-74	1	4	5	0,045
		75-99	3	16		
		125-149	1	25		
Tennessee shiner	<i>Notropis leuciodus</i>	25-49	2	1	4	0,009
		75-99	2	8		
Silver shiner	<i>Notropis photogenis</i>	100-124	1	11	1	0,011
Mirror shiner	<i>Notropis spectrunculus</i>	50-74	16	50	16	0,050
Telescope shiner	<i>Notropis telescopus</i>	50-74	3	8	7	0,041
		75-99	4	33		
Fatlips minnow	<i>Phenacobius crassilabrum</i>	50-74	2	8	7	0,044
		75-99	5	36		

Appendix 1 - Table 9. Continued

		O-2 March 2002																																																																																																																																																										
Common Name	Scientific Name	Size Class	Size Class	Size Class	Total	Total																																																																																																																																																						
			Number	Weight (g)	Number	Weight (kg)																																																																																																																																																						
Longnose dace	<i>Rhinichthys cataractae</i>	50-74	10	21	12	0,049																																																																																																																																																						
		100-124	2	28			White sucker	<i>Catostomus commersoni</i>	325-349	2	828	4	1,955	350-374	1	382	375-399	1	745	Northern hog sucker	<i>Hypentelium nigricans</i>	50-74	1	3	5	0,660	75-99	1	8	100-124	1	11	225-249	1	130	325-349	1	508	Black redhorse	<i>Moxostoma duquesnei</i>	75-99	1	5	28	8,440	100-124	3	36	125-149	2	46	200-224	1	93	225-249	3	397	250-274	3	485	275-299	1	201	300-324	1	300	325-349	3	1.131	350-374	4	1.854	375-399	4	2.370	400-424	2	1.522	Rock bass	<i>Ambloplites rupestris</i>	75-99	1	14	8	0,407	100-124	2	63	125-149	4	214	150-174	1	116	Smallmouth bass	<i>Micropterus dolomieu</i>	100-124	1	12	2	0,115	200-224	1	103	Greenside darter	<i>Etheostoma blennioides</i>	50-74	4	7	13	0,078	75-99	7	47	100-124	2	24	Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	3	3	233	0,888	50-74	193	627	75-99	37	258	Gilt darter	<i>Percina evides</i>	50-74	3	8	5	0,020	75-99	2	12	Mottled sculpin	<i>Cottus bairdi</i>	25-49	6	9	196	0,669	50-74	161	437	75-99	29	223	Total Number and Weight of Fish Collected		
White sucker	<i>Catostomus commersoni</i>	325-349	2	828	4	1,955																																																																																																																																																						
		350-374	1	382																																																																																																																																																								
		375-399	1	745			Northern hog sucker	<i>Hypentelium nigricans</i>	50-74	1	3	5	0,660	75-99	1	8	100-124	1	11			225-249	1	130			325-349	1	508	Black redhorse	<i>Moxostoma duquesnei</i>	75-99	1	5	28	8,440	100-124	3			36	125-149	2			46	200-224	1	93	225-249	3	397	250-274	3	485	275-299	1	201	300-324	1	300	325-349	3	1.131	350-374	4	1.854	375-399	4	2.370	400-424	2	1.522	Rock bass	<i>Ambloplites rupestris</i>	75-99	1	14			8	0,407	100-124			2	63	125-149	4	214	150-174	1	116	Smallmouth bass	<i>Micropterus dolomieu</i>	100-124	1	12	2	0,115	200-224	1	103	Greenside darter	<i>Etheostoma blennioides</i>	50-74	4	7	13	0,078	75-99	7	47	100-124	2	24	Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	3	3	233	0,888	50-74	193	627	75-99	37	258	Gilt darter	<i>Percina evides</i>	50-74	3	8	5	0,020	75-99	2	12	Mottled sculpin	<i>Cottus bairdi</i>	25-49	6	9	196	0,669	50-74	161	437	75-99	29	223	Total Number and Weight of Fish Collected			
Northern hog sucker	<i>Hypentelium nigricans</i>	50-74	1	3	5	0,660																																																																																																																																																						
		75-99	1	8																																																																																																																																																								
		100-124	1	11																																																																																																																																																								
		225-249	1	130																																																																																																																																																								
		325-349	1	508			Black redhorse	<i>Moxostoma duquesnei</i>	75-99	1	5	28	8,440	100-124	3	36	125-149	2	46	200-224	1	93	225-249	3	397	250-274	3	485	275-299			1	201	300-324			1	300			325-349	3	1.131			350-374	4	1.854	375-399	4	2.370	400-424	2	1.522	Rock bass	<i>Ambloplites rupestris</i>	75-99	1	14	8	0,407	100-124	2	63	125-149	4	214	150-174	1	116	Smallmouth bass	<i>Micropterus dolomieu</i>	100-124	1	12	2	0,115	200-224	1	103	Greenside darter	<i>Etheostoma blennioides</i>	50-74	4	7	13	0,078	75-99	7	47	100-124	2	24	Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	3	3	233	0,888	50-74	193	627	75-99	37	258	Gilt darter	<i>Percina evides</i>	50-74	3	8	5	0,020	75-99	2	12	Mottled sculpin	<i>Cottus bairdi</i>	25-49	6	9	196	0,669	50-74	161	437	75-99	29	223	Total Number and Weight of Fish Collected					697	15,661																				
Black redhorse	<i>Moxostoma duquesnei</i>	75-99	1	5	28	8,440																																																																																																																																																						
		100-124	3	36																																																																																																																																																								
		125-149	2	46																																																																																																																																																								
		200-224	1	93																																																																																																																																																								
		225-249	3	397																																																																																																																																																								
		250-274	3	485																																																																																																																																																								
		275-299	1	201																																																																																																																																																								
		300-324	1	300																																																																																																																																																								
		325-349	3	1.131																																																																																																																																																								
		350-374	4	1.854																																																																																																																																																								
		375-399	4	2.370																																																																																																																																																								
		400-424	2	1.522			Rock bass	<i>Ambloplites rupestris</i>	75-99	1	14	8	0,407	100-124	2	63	125-149	4	214	150-174	1	116	Smallmouth bass	<i>Micropterus dolomieu</i>	100-124	1	12	2	0,115	200-224	1	103	Greenside darter	<i>Etheostoma blennioides</i>	50-74	4	7	13	0,078	75-99	7	47	100-124	2	24	Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	3	3	233	0,888	50-74	193	627	75-99	37	258	Gilt darter	<i>Percina evides</i>	50-74	3	8	5	0,020	75-99	2	12	Mottled sculpin	<i>Cottus bairdi</i>	25-49	6	9	196	0,669	50-74	161	437	75-99	29	223	Total Number and Weight of Fish Collected					697	15,661																																																																				
Rock bass	<i>Ambloplites rupestris</i>	75-99	1	14	8	0,407																																																																																																																																																						
		100-124	2	63																																																																																																																																																								
		125-149	4	214																																																																																																																																																								
		150-174	1	116			Smallmouth bass	<i>Micropterus dolomieu</i>	100-124	1	12	2	0,115	200-224	1	103	Greenside darter	<i>Etheostoma blennioides</i>	50-74	4	7	13	0,078	75-99	7	47	100-124	2	24	Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	3	3	233	0,888	50-74	193	627	75-99	37	258	Gilt darter	<i>Percina evides</i>	50-74	3	8	5	0,020	75-99	2	12	Mottled sculpin	<i>Cottus bairdi</i>	25-49	6	9	196	0,669	50-74	161	437	75-99	29	223	Total Number and Weight of Fish Collected					697	15,661																																																																																				
Smallmouth bass	<i>Micropterus dolomieu</i>	100-124	1	12	2	0,115																																																																																																																																																						
		200-224	1	103			Greenside darter	<i>Etheostoma blennioides</i>	50-74	4	7	13	0,078	75-99	7	47			100-124	2	24			Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	3	3	233			0,888	50-74	193			627	75-99	37	258	Gilt darter	<i>Percina evides</i>	50-74	3	8	5	0,020	75-99	2	12	Mottled sculpin	<i>Cottus bairdi</i>			25-49	6	9			196	0,669	50-74	161	437	75-99	29	223	Total Number and Weight of Fish Collected					697	15,661																																																																																		
Greenside darter	<i>Etheostoma blennioides</i>	50-74	4	7	13	0,078																																																																																																																																																						
		75-99	7	47																																																																																																																																																								
		100-124	2	24			Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	3	3	233	0,888	50-74	193	627	75-99	37	258	Gilt darter	<i>Percina evides</i>	50-74	3	8	5	0,020	75-99	2	12	Mottled sculpin	<i>Cottus bairdi</i>	25-49	6	9	196	0,669	50-74	161	437	75-99	29	223	Total Number and Weight of Fish Collected					697	15,661																																																																																																											
Greenfin darter	<i>Etheostoma chlorbranchium</i>	25-49	3	3	233	0,888																																																																																																																																																						
		50-74	193	627																																																																																																																																																								
		75-99	37	258			Gilt darter	<i>Percina evides</i>	50-74	3	8	5	0,020	75-99	2	12	Mottled sculpin	<i>Cottus bairdi</i>	25-49	6	9	196	0,669	50-74	161	437	75-99	29	223	Total Number and Weight of Fish Collected					697	15,661																																																																																																																								
Gilt darter	<i>Percina evides</i>	50-74	3	8	5	0,020																																																																																																																																																						
		75-99	2	12			Mottled sculpin	<i>Cottus bairdi</i>	25-49	6	9	196	0,669	50-74	161	437			75-99	29	223			Total Number and Weight of Fish Collected					697	15,661																																																																																																																														
Mottled sculpin	<i>Cottus bairdi</i>	25-49	6	9	196	0,669																																																																																																																																																						
		50-74	161	437																																																																																																																																																								
		75-99	29	223			Total Number and Weight of Fish Collected					697	15,661																																																																																																																																															
Total Number and Weight of Fish Collected					697	15,661																																																																																																																																																						

Appendix 1 - Table 10. Size class and biomass data by sample station and period for fish collections associated with Bryson Project.

		O-1, February Seine 2002		
Common Name	Scientific Name	Size Class	Size Class Number	Total Number
Central stoneroller	<i>Campostoma anomalum</i>	150-174	1	1
River chub	<i>Nocomis micropogon</i>	50-74	2	6
		75-99	3	
		100-124	1	
Fatlips minnow	<i>Phenacobius crassilabrum</i>	75-99	2	2
Northern hog sucker	<i>Hypentelium nigricans</i>	75-99	1	2
		100-124	1	
Greenside darter	<i>Etheostoma blennioides</i>	50-74	2	2
Greenfin darter	<i>Etheostoma chlorbranchium</i>	50-74	2	2
Banded darter	<i>Etheostoma zonale</i>	25-49	1	6
		50-74	5	
Mottled sculpin	<i>Cottus bairdi</i>	25-49	2	4
		50-74	2	
Total Number of Fish Collected				25

Appendix 1 - Table 11. Size class and biomass data by sample station and period for fish collections associated with Bryson Project.

		O-2, March Seine 2002		
Common Name	Scientific Name	Size Class	Size Class Number	Total Number
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>	125-149	3	5
		150-174	2	
Central stoneroller	<i>Campostoma anomalum</i>	75-99	1	1
River chub	<i>Nocomis micropogon</i>	50-74	1	2
		100-124	1	
Mirror shiner	<i>Notropis spectrunculus</i>	50-74	2	2
Fatlips minnow	<i>Phenacobius crassilabrum</i>	75-99	2	2
Longnose dace	<i>Rhinichthys cataractae</i>	25-49	1	12
		50-74	9	
		75-99	1	
		100-124	1	
Greenside darter	<i>Etheostoma blennioides</i>	50-74	1	3
		75-99	2	
Greenfin darter	<i>Etheostoma chlorbranchium</i>	50-74	95	105
		75-99	10	
Gilt darter	<i>Percina evides</i>	50-74	7	7
Mottled sculpin	<i>Cottus bairdi</i>	25-49	1	42
		50-74	36	
		75-99	5	
Total Number of Fish Collected				181