

APPENDIX B

**Aquatic Life Known From Three Reaches of the Duck River
and Other Streams Which Could be Affected by One
or More of the Action Alternatives**

Table B-1. Genera of algae identified from plankton and periphyton samples collected during the early 1980s in three reaches of the Duck River. Data from Wade and Webb (1986).

Scientific Name	RM 100 - 135	RM 136 - 179	RM 180 - 249
Chlorophyta (46)	NS	(40)	(30)
<i>Actinastrum</i>		X	X
<i>Ankistrodesmus</i>		X	X
<i>Arthrodesmus</i>		X	
<i>Bracteacoccus</i>		X	
<i>Carteria</i>		X	X
<i>Characium</i>		X	
<i>Chlamydomonas</i>		X	X
<i>Chlorella</i>		X	X
<i>Chlorogonium</i>		X	X
<i>Chodatella</i>			X
<i>Cladophora</i>			X
<i>Closteriopsis</i>		X	X
<i>Closterium</i>		X	X
<i>Coelastrum</i>		X	X
<i>Cosmarium</i>		X	X
<i>Crucigenia</i>			X
<i>Dactylococcus</i>			X
<i>Dictyosphaerium</i>		X	X
<i>Eudorina</i>		X	
<i>Franceia</i>		X	X
<i>Golenkinia</i>		X	X
<i>Gongrosira</i>		X	
<i>Gonium</i>		X	
<i>Hyalotheca</i>		X	
<i>Kirchneriella</i>		X	X
<i>Mougeotia</i>		X	X
<i>Oedogonium</i>		X	
<i>Oocystis</i>		X	X
<i>Pandorina</i>		X	X
<i>Pediastrum</i>		X	X
<i>Protococcus</i>		X	
<i>Pteromonas</i>		X	
<i>Pyramimonas</i>		X	X
<i>Rhizoclonium</i>		X	

Table B-1 (Continued)

Scientific Name	RM 100 - 135	RM 136 - 179	RM 180 - 249
<i>Scenedesmus</i>		X	X
<i>Schroederia</i>		X	X
<i>Selenastrum</i>		X	
<i>Spermatozoopsis</i>		X	X
<i>Spirogyra</i>		X	
<i>Spondylosium</i>		X	
<i>Staurastrum</i>			X
<i>Stigeoclonium</i>		X	
<i>Tetraedron</i>			X
<i>Tetrastrum</i>		X	X
<i>Truebaria</i>		X	X
<i>Ulothrix</i>		X	
Chrysophyta (24)	NS	(22)	(20)
<i>Achnanthes</i>		X	X
<i>Chaetoceros</i>			X
<i>Cocconeis</i>		X	X
<i>Cyclotella</i>		X	X
<i>Cymatopleura</i>			X
<i>Cymbella</i>		X	X
<i>Diatoma</i>		X	X
<i>Dichotomococcus</i>		X	X
<i>Dinobryon</i>		X	
<i>Epithemia</i>		X	X
<i>Gomphonema</i>		X	X
<i>Gyrosigma</i>		X	X
<i>Mallomonas</i>		X	
<i>Melosira</i>		X	X
<i>Meridion</i>		X	
<i>Navicula</i>		X	X
<i>Nitzschia</i>		X	X
<i>Pleurosigma</i>		X	
<i>Rhizosolenia</i>		X	X
<i>Rhoicosphenia</i>		X	X
<i>Stephanodiscus</i>		X	X
<i>Surirella</i>		X	X
<i>Synedra</i>		X	X
<i>Synura</i>		X	X

Table B-1 (Continued)

Scientific Name	RM 100 - 135	RM 136 - 179	RM 180 - 249
Cryptophyta (1)	NS	(1)	(1)
<i>Cryptomonas</i>		X	X
Cyanophyta	NS	(10)	(8)
<i>Anabaena</i>		X	X
<i>Anabaenopsis</i>			X
<i>Anacystis</i>		X	X
<i>Aphanizomenon</i>		X	X
<i>Calothrix</i>		X	
<i>Dactylococcopsis</i>		X	X
<i>Leptochaete</i>		X	
<i>Lynghya</i>		X	X
<i>Merismopedia</i>		X	X
<i>Oscillatoria</i>		X	X
<i>Spirulina</i>		X	
Euglenophyta (4)	NS	(4)	(4)
<i>Cryptoglana</i>		X	X
<i>Euglena</i>		X	X
<i>Phacus</i>		X	X
<i>Trachelomonas</i>		X	X
Pyrrophyta (3)	NS	(3)	(2)
<i>Ceratium</i>		X	
<i>Glenodinium</i>		X	X
<i>Gymnodinium</i>		X	X
Totals (89)	NS	79	65

NS - Reach not sampled for these species

Table B-2. Zooplankton taxa identified from plankton and periphyton samples collected during the early 1980s in three reaches of the Duck River. Data from Wade and Webb (1986).

Scientific Name	RM 100 - 135	RM 136 - 179	RM 180 - 249
Cladocera (18)	NS	(11)	(12)
<i>Bosmina longirostris</i>		X	X
<i>Bosminopsis</i> sp.			X
<i>Ceriodaphnia lacustris</i>		X	X
<i>Chydorus</i> sp.		X	X
<i>Daphnia ambigua</i>			X
<i>Daphnia parvula</i>			X
<i>Daphnia retrocurva</i>			X
<i>Diaphanosoma leuchtenbergianum</i>		X	
<i>Ilyocryptus</i> imm.		X	
<i>Leptodora kindtii</i>			X
<i>Leydigia acanthocercoides</i>			X
<i>Moina</i> imm.		X	X
<i>Moina minuta</i>		X	
<i>Pleuroxus denticulatus</i>		X	X
<i>Pleuroxus hamulatus</i>		X	
<i>Capholebris kingi</i>		X	
<i>Scapholebris kingi</i>			X
<i>Sida crystallina</i>		X	
Copepoda (12)	NS	(8)	(10)
<i>Callanoida</i> imm.		X	
<i>Cyclopoida</i> imm.		X	X
<i>Cyclops bicuspidatus thomasi</i>			X
<i>Cyclops varicans rubellus</i>			X
<i>Cyclops vernalis</i>		X	X
<i>Diaptomus reighardi</i>			X
<i>Elaphoidella bidens coronata</i>		X	X
<i>Ergasilus</i> imm.		X	X
<i>Eucyclops agilis</i>		X	
<i>Macrocyclus albidus</i>			X
<i>Mesocyclops edax</i>		X	X
<i>Tropoclops prasinus</i>		X	X
Rotifera (35)	NS	(25)	(31)
<i>Asplanchna amphora</i>			X
<i>Asplanchna herricki</i>		X	X
<i>Bdelloidea</i>			X

Table B-2 (Continued)

Scientific Name	RM 100 - 135	RM 136 - 179	RM 180 - 249
<i>Brachionus angularis</i>		X	X
<i>Brachionus budapestinensis</i>		X	X
<i>Brachionus calyciflorus</i>		X	X
<i>Brachionus caudatus</i>		X	X
<i>Brachionus havanaensis</i>			X
<i>Brachionus quadridentatus</i>		X	X
<i>Cephalodella</i> sp.			X
<i>Conochilcides</i> sp.		X	X
<i>Conochilus hippocrepis</i>			
<i>Epiphanes macrourus</i>		X	X
<i>Euchlanis</i> sp.		X	X
<i>Hexarthra mira</i>		X	
<i>Kellicottia bostoniensis</i>			X
<i>Keratella cochlearis</i>			X
<i>Keratella earlinea</i>			X
<i>Lecane</i> sp.		X	X
<i>Machrochaetus subquadratus</i>		X	X
<i>Monommata grandis</i>			X
<i>Monostyla quadridentata</i>		X	X
<i>Monostyla</i> sp.		X	X
<i>Mytilina</i> sp.			
<i>Notommata</i> sp.		X	
<i>Platytias patulus</i>		X	X
<i>Platytias quadricornis</i>		X	X
<i>Ploesoma truncata</i>		X	X
<i>Polyarthra</i> sp.		X	X
<i>Rotaria neptunia</i>			X
<i>Rotaria</i> sp.			X
<i>Synchaeta</i> sp.		X	X
<i>Testudinella</i> sp.		X	X
<i>Trichocerca</i> sp.			X
<i>Trichotria</i>			X
Totals (65)	NS	44	53

NS - Reach not sampled for these species

Table B-3. Names of the larger aquatic plants observed in the Duck River near Sowell Ford (River Mile 159) and Lillard Mill (River Mile 179) in 1980 and 1981. Information from Wade and Webb (1986).

Common Name	Scientific Name	RM 100 - 135	RM 136 - 179	RM 180 - 249
Mosses and liverworts	Bryophyta (3)			
	<i>Fissidens fontanus</i>		X	X
	<i>Porella pinnata</i>		X	X
	<i>Leptodictyum riparium</i>			X
Flowering plants	Angiospermae (11)			
	<i>Decodon verticillata</i>			X
Canadian waterweed	<i>Elodea canadensis</i>		X	X
Mud-plantain	<i>Heteranthera dubia</i>		X	
Waterwillow	<i>Justicia americana</i>	X	X	X
Rice-cutgrass	<i>Leersia oryzoides</i>		X	X
	<i>Nasturtium officinale</i>			X
	<i>Podostemum</i>			
Threadfoot riverweed	<i>ceratophyllum</i>		X	X
Leafy pondweed	<i>Potamogeton foliosus</i>		X	
Knotty pondweed	<i>Potamogeton nodosus</i>		X	X
Lizard's-tail	<i>Saururus cernuus</i>		X	X
	<i>Scirpus americanus</i>			X
Totals	14	1+	10	12

Table B-4. Larger aquatic invertebrates (except mollusks) encountered within the last 25 years in the middle reach of the Duck River. Data from Barr, et al. (1986), Scott, et al. (1996), and TVA (1975).

Categories and Taxa	RM 100 - 135	RM 136 - 179	RM 180 - 249	Normandy	Tims Ford
Hydrozoa (1)	NS		(1)		
Hydridae			X		
Platyhelminthes (2)		(2)	(1)		
<i>Dugesia tigrina</i>		X			
Planariidae		X	X		
Nematoda (1)	NS	X (1)		X (1)	X (1)
Oligochaeta (9)	NS	X (9)	X (4)	X (4)	X (4)
<i>Branchiura sowerbyi</i>		X	X	X	
<i>Dero</i>					X
<i>Limnodrilus</i>				X	X
Lumbricidae		X			
<i>Lumbriculus</i>		X			
Lumbriculidae		X	X		
<i>Nais bretscheri</i>		X			
Oligochaeta		X			
<i>Pristinella</i>		X			
Tubificidae		X	X	X	X
Hirudinea (6)	NS	(6)	(1)		
Erpobdellidae		X	X		
<i>Eropbella</i>		X			
Glossiphoniidae		X			
<i>Helobdella</i>		X			
<i>Placobdella multilineata</i>		X			
<i>Placobdella</i>		X			
Crustacea (12)	NS	(9)	(9)		
<i>Asellus</i>			X		
<i>Caecidotea</i>		X	X		
<i>Cambarus</i>		X	X		
<i>Crangonyx</i>		X	X		
Cyclopidae			X		
<i>Gammarus</i>			X		
<i>Gammarus fasciatus</i>		X			

Table B-4 (Continued)

Categories and Taxa	RM 100 - 135	RM 136 - 179	RM 180 - 249	Normandy	Tims Ford
<i>Hyalella azteca</i>		X	X		
<i>Lirceus</i>		X	X		
<i>Lirceus fontinalis</i>		X			
<i>Orconectes</i>		X	X		
<i>Orconectes placidus</i>		X			
Arachnoidea (1)	NS		(1)		
Hydracarina			X		
Plecoptera (21)	NS	(17)	(12)		
<i>Acroneuria abnormis</i>		X			
<i>Acroneuria evoluta</i>		X	X		
<i>Agnatina capitata</i>		X			
<i>Brachyptera</i>			X		
Capniidae		X			
<i>Isoperla</i>			X		
<i>Leuctra</i>			X		
<i>Nemoura</i>		X	X		
<i>Neoperla</i>		X	X		
<i>Neoperla clymene</i>		X			
<i>Neophasganophora</i>		X			
Perlidae		X	X		
<i>Perlesta</i>		X	X		
<i>Perlesta placida</i>		X	X		
<i>Perlinella ephyre</i>		X			
<i>Perlinella</i>		X			
<i>Phasgnophora</i>		X	X		
<i>Phasgnophora capitata</i>			X		
<i>Pteronarcys</i>		X			
<i>Pteronarcys dorsata</i>		X			
<i>Taeniopteryx</i>		X	X		
Odonata (24)	NS	(21)	(12)		
<i>Argia</i>		X	X		
<i>Basiaeshna janata</i>			X		
<i>Boyeria</i>		X	X		
<i>Boyeria vinosa</i>		X			

Table B-4 (Continued)

Categories and Taxa	RM 100 - 135	RM 136 - 179	RM 180 - 249	Normandy	Tims Ford
<i>Calopteryx</i>		X	X		
Coenagrionidae		X	X		
<i>Dromogomphus</i>		X			
<i>Dromogomphus armatus</i>		X			
<i>Enallagma</i>		X			
<i>Gomphus</i>		X			
<i>Hagenius brevistylus</i>		X	X		
<i>Hetaerina</i>		X	X		
<i>Hetaerina americana</i>		X			
<i>Ischnura</i>		X	X		
<i>Ladona</i>		X			
<i>Lathus</i>		X			
<i>Macromia</i>		X	X		
<i>Macromia alleghaniensis</i>		X			
<i>Neurocordylia yamaskanensis</i>			X		
<i>Ophiogomphus</i>		X			
<i>Ophiogomphus rupinsulensis</i>		X	X		
<i>Progomphus</i>		X			
<i>Somatochlora</i>		X			
<i>Stylogomphus albistylus</i>			X		
Ephemeroptera (27)	NS	(25)	(13)		(1)
<i>Baetis</i>		X	X		
<i>Baetisca</i>			X		
<i>Caenis</i>		X	X		
<i>Ephemerella</i>		X	X		
<i>Ephemeron</i>		X			
<i>Ephoron leukon</i>		X			
<i>Ephoron</i>		X			
<i>Eurylophella</i>		X			
<i>Heptagenia</i>		X			
<i>Hexagenia</i>		X			X
<i>Isonychia</i>		X	X		
<i>Leptophlebia</i>		X	X		

Table B-4 (Continued)

Categories and Taxa	RM 100 - 135	RM 136 - 179	RM 180 - 249	Normandy	Tims Ford
<i>Leucrocuta</i>		X			
<i>Paraleptophlebia</i>		X	X		
<i>Potamanthus</i>		X	X		
<i>Potamanthus distinctus</i>		X			
<i>Pseudocloeon</i>			X		
<i>Rhithrogena</i>		X	X		
<i>Stenacron</i>		X	X		
<i>Stenacron interpunctatum</i>		X			
<i>Stenonema</i>		X	X		
<i>Stenonema femoratum</i>		X			
<i>Stenonema ithaca</i>		X			
<i>Stenonema mediopunctatum</i>		X			
<i>Stenonema modestum</i>		X			
<i>Stenonema terminatum</i>		X			
<i>Tricorythodes</i>		X	X		
Hemiptera (5)	NS	(5)	(2)		
Corixidae		X			
<i>Belostoma</i>		X	X		
<i>Ranatra</i>		X			
<i>Rhagovelia</i>		X	X		
<i>Trepobates</i>		X			
Trichoptera (33)	NS	(28)	(13)		
<i>Agapetus</i>		X			
<i>Brachycentrus</i>		X			
<i>Cheumatopsyche</i>		X	X		
<i>Cheumatopsyche btrona</i>		X	X		
<i>Chimarra</i>			X		
<i>Glossosoma</i>		X	X		
Hydropsychidae		X	X		
<i>Hydropsyche</i>		X	X		
<i>Hydropsyche demora</i>		X			
<i>Hydropsyche patera</i>		X			
<i>Hydropsyche simulans</i>		X			
<i>Hydroptila</i>		X			

Table B-4 (Continued)

Categories and Taxa	RM 100 - 135	RM 136 - 179	RM 180 - 249	Normandy	Tims Ford
<i>Ironoquia</i>		X			
<i>Lepidostomata</i>		X			
<i>Limoephilus</i>		X			
<i>Lype</i>			X		
<i>Micrasema</i>		X			
<i>Nectopsyche candida</i>		X			
<i>Nectopsyche esquisita</i>		X			
<i>Neureclipsis</i>		X			
<i>Oecetis</i>		X			
Philopotamidae			X		
<i>Polycentropus</i>			X		
<i>Protophila</i>		X			
<i>Psychomyia</i>		X	X		
<i>Pycnopsyche</i>		X	X		
<i>Rhyacophila</i>			X		
<i>Steodes incerta</i>		X			
<i>Seodes</i>		X			
<i>Symphitopsyche</i>		X	X		
<i>Symphitopsyche morosa</i>		X			
<i>Triaenodes injustus</i>		X			
<i>Traenodes tardus</i>		X			
Megaloptera (4)	NS	(4)	(3)		
<i>Corydalus cornutus</i>		X	X		
<i>Nigronia</i>		X	X		
<i>Sialis</i>		X	X		
<i>Sialis aequalis</i>		X			
Diptera (40)	NS	(29)	(16)	(3)	(6)
<i>Ablabesmyia</i>		X			
<i>Ablabesmyia mallochi</i>		X			
<i>Antocha</i>			X		
<i>Atherix variegata</i>			X		
<i>Bezzia</i>				X	
Ceratipogonidae		X	X		
<i>Chaborous</i>			X		
Chironomidae		X	X		

Table B-4 (Continued)

Categories and Taxa	RM 100 - 135	RM 136 - 179	RM 180 - 249	Normandy	Tims Ford
<i>Chironomus</i>		X	X	X	X
<i>Clinotanytus</i>		X			
<i>Coelotanytus</i>		X			
<i>Conchapelopsis</i>		X			
<i>Cricotopus</i>		X			
<i>Cricotopus bicinctus</i>		X			
<i>Cricotopus tremulus</i>		X			
<i>Cryptochironomus</i>		X	X		X
<i>Dicrotendipes</i>		X			
Empididae			X		
<i>Endochironomus</i>		X			
<i>Eriocera</i>		X			
<i>Eukinefferiella</i>		X			
<i>Hexatoma</i>		X			
<i>Hydrobaenus</i>					X
<i>Microtendipes</i>			X		
<i>Nanocladius</i>		X			
<i>Orthocladius</i>		X			
<i>Parametrioctenemus</i>		X			
<i>Polypedilum</i>		X	X		X
<i>Procladius</i>				X	X
<i>Rheotanytarsus</i>		X			
Simuliidae		X	X		
<i>Simulium</i>		X	X		
<i>Stenochironomus</i>		X			
<i>Tabanus</i>			X		
<i>Tanytarsus</i>		X			X
Tendipedidae		X			
Tipulidae		X	X		
<i>Tipula</i>			X		
<i>Tipula acdominalis</i>			X		
<i>Tribelos</i>		X			
Coleoptera (19)	NS	(13)	(10)		
<i>Dubiraphia</i>		X			
<i>Dinetus</i>		X	X		

Table B-4 (Continued)

Categories and Taxa	RM 100 - 135	RM 136 - 179	RM 180 - 249	Normandy	Tims Ford
<i>Dinetus discolor</i>		X			
Elmidae			X		
<i>Ectoparia</i>			X		
<i>Helichus</i>			X		
<i>Macronychus</i>			X		
<i>Macronychus glabratus</i>		X			
<i>Microcylleopus pusillus</i>		X			
<i>Optioservus</i>			X		
<i>Oulimnius</i>		X	X		
<i>Pletodytes</i>		X			
<i>Promoresia elegans</i>		X			
<i>Psephenus</i>		X	X		
<i>Psephenus herricki</i>		X			
<i>Stenelmis</i>		X	X		
<i>Stenelmis crenata</i>		X			
<i>Stenelmis humerosa</i>		X			
<i>Tropisternus lateralis</i>			X		
Total Taxa (207)	NS	169	98	8	12

Table B-5. Freshwater mollusks (snails, mussels, and other bivalves) found in reaches of the Duck River between the Hickman County line (near Duck River Mile 100) upstream to Normandy Dam (Duck River Mile 249) within the last 30 years (since 1970). Information from Ahlstedt (1981); Ahlstedt (1986); Aquatic Resources Center (1995); Barr, et al. (1986); Jenkinson (1988); TVA (1975); and TVA unpublished data. Nomenclature follows Turgeon, et al. (1988).

Scientific Name	Common Name	RM 100 - 135	RM 136 - 179	RM 180 - 249	Normandy	Tims Ford
Gastropoda	Aquatic Snails (14)	NS	(13)	(8)	NS	NS
<i>Campeloma</i> sp.	Campeloma		X	X		
<i>Elimia edgariana</i>	Cumberland elimia		X	X		
<i>Elimia laqueata</i>	Panel elimia		X	X		
<i>Ferrissia</i> sp.	Ancylid		X	X		
<i>Gyraulus</i> sp.	Gyro		X			
<i>Leptoxis praerosa</i>	Onyx rocksnail		X	X		
<i>Lithasia duttoniana</i>	Helmet rocksnail		X			
<i>Lithasia geniculata</i>	Ornate rocksnail		X	X		
<i>Lithasia jayana</i>	Rugose rocksnail		X			
<i>Lymnaea</i> sp.	Lymnaea		X	X		
<i>Physa</i> sp.	Physa		X			
<i>Planorbella</i> sp.	Rams-horn			X		
<i>Pleurocera canaliculata</i>	Silty hornsnail		X			
<i>Somatogyryus</i> sp.	Pebblesnail		X			
Bivalvia: Unionidae	Native Mussels (44)	(21)	(40)	(13)	NS	NS
<i>Actinonaias carinata</i>	Mucket		X			
<i>Actinonaias pectorosa</i>	Pheasantshell		X	X		
<i>Amblema plicata</i>	Threeridge		X	X		
<i>Anodonta grandis</i>	Giant floater	X	X			
<i>Anodonta imbecillis</i>	Paper pondshell	X	X			
<i>Arcidens confragosus</i>	Rock pocketbook	X				
<i>Cyclonaias tuberculata</i>	Purple wartyback	X	X	X		
<i>Elliptio dilatata</i>	Spike		X	X		
<i>Epioblasma brevidens</i>	Cumberland combshell		X			
<i>Epioblasma capsaeformis</i>	Oyster mussel		X			
<i>Epioblasma triquetra</i>	Snuffbox		X	X		
<i>Epioblasma walkeri</i>	Tan riffleshell		X			
<i>Fusconaia barnesiana</i>	Tennessee pigtoe		X	X		
<i>Fusconaia ebena</i>	Ebonyshell	X	X			
<i>Lampsilis fasciola</i>	Wavy-rayed lampmussel	X	X	X		
<i>Lampsilis ovata</i>	Pocketbook	X	X	X		
<i>Lampsilis teres</i>	Yellow sand shell	X				
<i>Lasmigona complanata</i>	White heelsplitter		X			
<i>Lasmigona costata</i>	Fluted-shell	X	X	X		
<i>Lemiox rimosus</i>	Birdwing pearlymussel		X			
<i>Leptodea fragilis</i>	Fragile papershell	X	X			

Scientific Name	Common Name	RM 100 - 135	RM 136 - 179	RM 180 - 249	Normandy	Tims Ford
<i>Lexingtonia dolabelloides</i>	Slabside pearlymussel	X	X	X		
<i>Ligumia recta</i>	Black sand shell	X				
<i>Medionidus conradicus</i>	Cumberland moccasinshell		X			
<i>Megaloniais nervosa</i>	Washboard		X			
<i>Obliquaria reflexa</i>	Threehorn wartback	X	X			
<i>Obovaria subrotunda</i>	Round hickorynut		X	X		
<i>Pleurobema cordatum</i>	Ohio pigtoe		X			
<i>Pleurobema oviforme</i>	Tennessee clubshell		X			
<i>Pleurobema pyramidatum</i>	Pyramid pigtoe		X			
<i>Potamilus alatus</i>	Pink heelsplitter	X	X			
<i>Ptychobranchus fasciolaris</i>	Kidneyshell	X	X			
<i>Quadrula c. cylindrica</i>	Rabbitsfoot		X			
<i>Quadrula intermedia</i>	Cumberland monkeyface		X			
<i>Quadrula p. pustulosa</i>	Pimpleback	X	X			
<i>Quadrula quadrula</i>	Mapleleaf	X	X			
<i>Strophitus undulatus</i>	Squawfoot	X	X			
<i>Toxolasma lividus</i>	Purple lilliput		X			
<i>Tritogonia verrucosa</i>	Pistolgrip	X	X			
<i>Truncilla donaciformis</i>	Fawnsfoot		X			
<i>Truncilla truncata</i>	Deertoe	X	X			
<i>Villosa iris</i>	Rainbow		X	X		
<i>Villosa taeniata</i>	Painted creekshell		X			
<i>Villosa v. vanuxemensis</i>	Mountain creekshell	X	X	X		
Bivalvia: Others	Clams (2)	(1)	(1)	(2)		
Sphaeriidae	Fingernail Clams	NS	NS	X		
<i>Corbicula manilensis</i>	Asiatic clam	X	X	X	X	
Mollusk Totals	61 taxa	22 +	54	23	1+	NS

NS - Reach not sampled for these species

Table B-6. Freshwater fishes encountered in reaches of the Duck River, Normandy and Tims Ford Reservoirs within the last 30 years (since 1970). Data from ARC (1995); Barr et al. (1986); Burr et al. (1993); Nieland (1982); Saylor and Ahlstedt (1993); and Scott and Gardner (1995), Scott, et al. (1996), and TVA unpublished data.

Scientific Name	Common Name	RM 100-135	RM 136-179	RM 180-249	Normandy	Tims Ford
Petromyzontidae	Lampreys (1)		(1)	(1)		
<i>Ichthyomyzon bdellium</i>	Ohio lamprey		X	X		
Lepisosteidae	Gars (2)	(1)	(1)	(1)	(1)	(1)
<i>Lepisosteus oculatus</i>	Spotted gar		X			
<i>Lepisosteus osseus</i>	Longnose gar	X	X	X	X	X
Hiodontidae	Mooneyes (1)		(1)			
<i>Hiodon tergisus</i>	Mooneye		X			
Clupeidae	Herrings (2)	(1)	(1)	(1)	(2)	(2)
<i>Dorosoma cepedianum</i>	Gizzard shad	X	X	X	X	X
<i>Dorsoma petenense</i>	Threadfin shad				X	X
Cyprinidae	Minnows (26)	(16)	(21)	(22)	(4)	(3)
	Largescale stoneroller	X	X	X		
<i>Camptostoma oligolepis</i>						
<i>Clinostomus funduloides</i>	Rosyside dace			X		
<i>Cyprinella galactura</i>	Whitetail shiner	X	X	X		
<i>Cyprinella spiloptera</i>	Spotfin shiner	X	X	X	X	X
<i>Cyprinella whipplei</i>	Steelcolor shiner	X	X			
<i>Cyprinus carpio</i>	Common carp		X	X	X	X
<i>Erimystax dissimilis</i>	Streamline chub	X	X	X		
<i>Erimystax insignis</i>	Blotched chub	X	X	X		
<i>Hybopsis amblops</i>	Bigeye chub	X	X	X		
<i>Luxilus chrysocephalus</i>	Striped shiner	X	X	X	X	
<i>Lythrurus ardens</i>	Rosefin shiner		X	X		
<i>Lythrurus lirus</i>	Mountain shiner		X	X		
<i>Notropis ariommus</i>	Popeye shiner		X	X		
<i>Notropis atherinoides</i>	Emerald shiner	X				X
<i>Notropis boops</i>	Bigeye shiner		X	X		
<i>Notropis photogenis</i>	Silver shiner	X	X	X		
<i>Notropis rubellus</i>	Rosyface shiner	X	X	X		
<i>Notropis sp.</i>	"Sawfin" shiner	X	X	X		
<i>Notropis telescopus</i>	Telescope shiner	X	X	X		
<i>Notropis volucellus</i>	Mimic shiner	X	X	X		
	Stargazing minnow		X	X		
<i>Phenacobius uranops</i>						
<i>Pimephales notatus</i>	Bluntnose minnow		X	X	X	
<i>Pimaphales promelas</i>	Fathead minnow			X		
<i>Pimephales vigilax</i>	Bullhead minnow	X	X			
<i>Rhinichthys atratulus</i>	Blacknose dace			X		
<i>Semotilus atromaculatus</i>	Creek chub	X				

Table B-6 (Continued)

Scientific Name	Common Name	RM 100-135	RM 136-179	RM 180-249	Normandy	Tims Ford
Catostomidae	Suckers (14)	(9)	(11)	(9)	(7)	(9)
<i>Cariodes carpio</i>	River carpsucker					X
<i>Cariodes cyprinus</i>	Quillback carpsucker		X			X
<i>Cariodes velifer</i>	Highfin carpsucker		X			
<i>Catostomus commersoni</i>	White sucker			X		
<i>Hypentelium nigricans</i>	Northern hog sucker	X	X	X	X	
<i>Ictiobus bubalus</i>	Smallmouth buffalo	X	X			X
<i>Ictiobus cyprinellus</i>	Bigmouth buffalo			X		
<i>Ictiobus niger</i>	Black buffalo	X	X			X
<i>Minytrema melanops</i>	Spotted sucker	X	X	X	X	X
<i>Moxostoma anisurum</i>	Silver redhorse	X	X	X	X	X
<i>Moxostoma carinatum</i>	River redhorse	X	X	X	X	
<i>Moxostoma duquesnei</i>	Black redhorse	X	X	X	X	X
<i>Moxostoma erythrurum</i>	Golden redhorse	X	X	X	X	X
<i>Moxostoma macrolepidotum</i>	Shorthead redhorse	X	X	X	X	X
Ictaluridae	Catfishes (9)	(4)	(8)	(5)	(3)	(3)
<i>Ameiurus melas</i>	Black bullhead		X			
<i>Ameiurus natalis</i>	Yellow bullhead		X	X		
<i>Ictalurus furcatus</i>	Blue catfish			X	X	X
<i>Ictalurus punctatus</i>	Channel catfish	X	X	X	X	X
<i>Noturus eleutherus</i>	Mountain madtom	X	X			
<i>Noturus exilis</i>	Slender madtom		X	X		
<i>Noturus flavus</i>	Stonecat		X			
<i>Noturus miurus</i>	Brindled madtom	X	X			
<i>Pylodictis olivaris</i>	Flathead catfish	X	X	X	X	X
Salmonidae	Trout (1)			(1)		
<i>Oncorhynchus mykiss</i>	Rainbow trout			X		
Cyprinodontidae	Topminnows (3)	(2)	(3)	(1)		
<i>Fundulus catenatus</i>	Northern studfish	X	X	X		
<i>Fundulus notatus</i>	Blackstripe topminnow	X	X			
<i>Fundulus olivaceus</i>	Blackspotted topminnow		X			
Poeciliidae	Livebearers (1)	(1)	(1)	(1)		
<i>Gambusia affinis</i>	Western mosquitofish	X	X	X		
Atherinidae	Silversides (1)	(1)	(1)			(1)
<i>Labidesthes sicculus</i>	Brook silverside	X	X			X
Cottidae	Sculpins (1)	(1)	(1)	(1)		
<i>Cottus carolinae</i>	Banded sculpin	X	X	X		

Table B-6 (Continued)

Scientific Name	Common Name	RM 100-135	RM 136-279	RM 180-249	Normandy	Tims Ford
Moronidae	Temperate Basses (3)	(2)			(1)	(3)
<i>Morone chrysops</i>	White bass	X			X	X
<i>Morone mississippiensis</i>	Yellow bass					X
<i>Morone saxatilis</i>	Striped bass	X				X
Centrarchidae	Sunfishes (12)	(7)	(11)	(11)	(12)	(11)
<i>Ambloplites rupestris</i>	Rock bass	X	X	X	X	X
<i>Lepomis auritus</i>	Redbreast sunfish			X	X	X
<i>Lepomis cyanellus</i>	Green sunfish	X	X	X	X	X
<i>Lepomis gulosus</i>	Warmouth		X	X	X	X
[<i>Lepomis (hybrid)</i>]	[Hybrid sunfish]		[X]	[X]		
<i>Lepomis macrochirus</i>	Bluegill	X	X	X	X	X
<i>Lepomis megalotis</i>	Longear sunfish	X	X	X	X	X
<i>Lepomis microlophus</i>	Redear sunfish		X	X	X	
<i>Micropterus dolomieu</i>	Smallmouth bass	X	X	X	X	X
<i>Micropterus punctulatus</i>	Spotted bass	X	X	X	X	X
<i>Micropterus salmoides</i>	Largemouth bass	X	X	X	X	X
<i>Pomoxis annularis</i>	White crappie		X		X	X
<i>Pomoxis nigromaculatus</i>	Black Crappie		X	X	X	X
Percidae	Perches (24)	(12)	(19)	(18)	(4)	(2)
<i>Etheostoma aquali</i>	Coppercheek darter	X	X	X		
<i>Etheostoma blennioides</i>	Blenny darter			X		
<i>Etheostoma blennioides</i>	Greenside darter	X	X	X		
<i>Etheostoma caeruleum</i>	Rainbow darter	X	X	X		
<i>Etheostoma camurum</i>	Bluebreast darter		X	X		
<i>Etheostoma cinereum</i>	Ashy darter		X	X		
<i>Etheostoma crossopterum</i>	Fringed darter		X			
<i>Etheostoma flabellare</i>	Fantail darter	X	X	X		
<i>Etheostoma flavum</i>	Saffron darter		X	X		
<i>Etheostoma luteovinctum</i>	Redband darter		X	X		
<i>Etheostoma nigripinne</i>	Blackfin darter		X	X		

Table B-6 (Continued)

Scientific Name	Common Name	RM 100-135	RM 136-179	RM 180-249	Normandy	Tims Ford
<i>Etheostoma rufilineatum</i>	Redline darter	X	X	X		
<i>Etheostoma simoterum</i>	Snubnose darter	X	X	X		
<i>Etheostoma stigmaeum</i>	Speckled darter	X	X	X		
<i>Etheostoma striatulum</i>	Striated darter		X			
<i>Etheostoma tippecanoe</i>	Tippecanoe darter		X	X		
<i>Etheostoma zonale</i>	Banded darter	X	X	X		
<i>Perca flavescens</i>	Yellow perch				X	
<i>Percina caprodes</i>	Logperch	X	X	X	X	X
<i>Percina evides</i>	Gilt darter	X				
<i>Percina phoxocephala</i>	Slenderhead darter	X	X			
<i>Percina sciera</i>	Dusky darter		X	X		
<i>Stizostedion canadense</i>	Sauger	X			X	
<i>Stizostedion vitreum</i>	Walleye			X	X	X
Sciaenidae	Drums (1)	(1)	(1)	(1)	(1)	(1)
<i>Aplodinotus grunniens</i>	Freshwater drum	X	X		X	X
Totals	(excluding hybrids) 102 Species	56	80	72	35	36

Table B-7. Genera of algae identified from plankton and periphyton samples collected during the early 1980s in Fountain Creek at Tennessee Route 50A (Creek Mile 13.3). Data from Etnier, et al. (1983).

Scientific Name
Chlorophyta (4)
<i>Ankistrodesmus</i>
<i>Closterium</i>
<i>Pachycladon</i>
<i>Rhizoclonium</i>
Chrysophyta (20)
<i>Achnanthes</i>
<i>Amphipleura</i>
<i>Cocconeis</i>
<i>Cyclotella</i>
<i>Cymatopleura</i>
<i>Cymbella</i>
<i>Diatoma</i>
<i>Fragilaria</i>
<i>Frustulia</i>
<i>Gomphonema</i>
<i>Gyrosigma</i>
<i>Melosira</i>
<i>Meridion</i>
<i>Navicula</i>
<i>Nitzchia</i>
<i>Pinnularia</i>
<i>Rhoicosphenia</i>
<i>Stauroneis</i>
<i>Surirella</i>
<i>Synedra</i>
Cyanophyta (3)
<i>Lyngbya</i>
<i>Merismopedia</i>
<i>Oscillatoria</i>
Total 27 Genera

Table B-8. Larger aquatic invertebrates (except mollusks) encountered in the early 1980s at Fountain Creek at Tennessee Route 50A (Creek Mile 13.3). Data from Etnier, et al. (1983).

Platyhelminthes (1)	<i>Macromia illinoiensis</i>
Planariidae	<i>Neurocordylia yamaskanensis</i>
Nematoda (1)	Ephemeroptera (14)
Oligochaeta (4)	<i>Baetis</i>
<i>Lumbriculus</i>	<i>Caenis</i>
Oligochaeta	<i>Choroterpes hubbelsi</i>
<i>Pelescolex</i>	<i>Coroterpes</i>
Tubificidae	<i>Heptagenia</i>
Hirudinea (1)	<i>Hexagenia</i>
Glossiphoniidae	<i>Isonychia</i>
Crustacea (4)	<i>Leptophlebia</i>
Decapoda	<i>Neocloeon</i>
<i>Gammarus</i>	<i>Paraleptophlebia</i>
<i>Orconectes mirus</i>	<i>Stenacron</i>
<i>Orconectes placidus</i>	<i>Stenonema femoratum</i>
Arachnoidea (1)	<i>Stenonema mediopunctatum</i>
Hydracarina	<i>Tricorythodes</i>
Plecoptera (3)	Hemiptera (6)
<i>Neoperla clymene</i>	<i>Gerris</i>
<i>Neophasganophora</i>	<i>Rhagovelia</i>
<i>Perlesta placida</i>	<i>Rheumatobates rileyi</i>
Odonata (18)	<i>Rheumatobates tenuipes</i>
<i>Argia</i>	<i>Rheumatobates trulliger</i>
<i>Basiaeshna janata</i>	<i>Trepobates pictus</i>
<i>Boyeria vinosa</i>	Trichoptera (12)
<i>Calopteryx maculata</i>	<i>Brachycentrus</i>
<i>Chromagrion</i>	<i>Cheumatopsyche</i>
<i>Didymops transversa</i>	<i>Cheumatopsyche petiiti</i>
<i>Dromogomphus spinosus</i>	<i>Chimarra</i>
<i>Enallagma</i>	<i>Helicopsyche</i>
<i>Gomphurus vastas</i>	<i>Helicopsyche borealis</i>
<i>Gomphus lividus</i>	<i>Hydropsyche</i>
<i>Gomphus quadricolor</i>	<i>Hyroptila gunda</i>
<i>Hagenius brevistylus</i>	<i>Hydroptila waubesiana</i>
<i>Ischnura</i>	<i>Mystacides septulchralis</i>
<i>Lathus</i>	<i>Oecetis</i>
<i>Macromia</i>	<i>Polycentropus</i>
<i>Macromia georgiana</i>	

Table B-8 (Continued)

<p>Megaloptera (2) <i>Corydalus cornutus</i> <i>Sialis</i></p> <p>Lepidoptera (1) <i>Petrophila</i></p> <p>Diptera (25) <i>Antocha</i> Chironomidae <i>Cladotanytarsus</i> <i>Conchapelopsis</i> <i>Cricotopus</i> <i>Cricotopus bicinctus</i> <i>Cryptochironomus fulvus</i> Empididae <i>Eriocera</i> <i>Hexatoma</i> <i>Limnophora</i> <i>Micropsectra</i> <i>Microtendipes</i> <i>Nioltanypus</i> <i>Parametriocnemus lundbecki</i> <i>Phaenopsectra obediens</i> <i>Polypedilum convictum</i> <i>Polypedilum halteralis</i> <i>Polypedilum illinoense</i> Simulidae <i>Stenochironomus</i> <i>Tabanus</i> <i>Tanytarsus</i> Tendipedidae <i>Thienemanniella</i></p>

<p>Coleoptera (17) <i>Cyphon</i> <i>Dubiraphia</i> <i>Dinetus</i> <i>Dinetus discolor</i> <i>Estopria nervosa</i> <i>Helichus</i> <i>Hydroporus</i> <i>Macronychus glabratus</i> <i>Microcylleopus pusillus</i> <i>Optioservus</i> <i>Pletodytes</i> <i>Psephenus</i> <i>Psephenus herricki</i> <i>Sperchopsis tessellatus</i> <i>Stenelmis</i> <i>Stenelmis sexlineata</i> <i>Tropisternus lateralis</i></p> <p style="text-align: right;">Total Taxa 110</p>

Table B-9. Freshwater mussels found alive or as fresh shells in Poplar Creek, Greenlick Creek, and two sites in the Duck River, Maury County, TN, June 23 and 24, 1999.

Scientific Name	Common Name	Poplar Creek	Greenlick Creek	Duck River	
		Foster Chapel Road	TN 50 Bridge	Kettle Mills DRM 104	Williamsport DRM 116
Gastropoda	Aquatic Snails (4)		(1)	(3)	NS
<i>Anculosa praerosa</i>	Onyx rocksnail			X	
<i>Elimia</i> sp.	Elimia		X		
<i>Lithasia</i> sp.	Rocksnails			X	
<i>Pleurocera canaliculata</i>	Silty hornsnail			X	
Bivalvia	Mussels and Clams			(10)	(21)
<i>Anodonta grandis</i>	Giant floater				X
<i>Anodonta imbecillis</i>	Paper pondshell				X
<i>Arcidens confargosus</i>	Rock pocketbook				X
<i>Cyclonaias tuberculata</i>	Purple watryback				X
<i>Fusconaia ebena</i>	Ebonysnail				X
<i>Lampsilis fasciola</i>	Wavy-rayed lampmussel			X	X
<i>Lampsilis ovata</i>	Pocketbook			X	X
<i>Lampsilis teres</i>	Yellow sandshell			X	X
<i>Lasmigona costata</i>	White heelsplitter				X
<i>Leptodea fragilis</i>	Fragile papershell			X	X
<i>Lexingtonia dolabelloides</i>	Slabside pearlymussel				X
<i>Ligumia recta</i>	Black sandshell			X	X
<i>Megaloniais nervosa</i>	Washboard			X	
<i>Obliquaria reflexa</i>	Threehorn wartyback			X	X
<i>Potamilus alatus</i>	Pink heelsplitter			X	X
<i>Ptychobranchius fasciolaris</i>	Kidneyshell				X
<i>Quadrula pustulosa</i>	Pimpleback				X
<i>Quadrula quadrula</i>	Mapleleaf				X
<i>Strophitus undulatus</i>	Squawfoot				X
<i>Tritogonia verrucosa</i>	Pistolgrip			X	X
<i>Truncilla truncata</i>	Deertoe				X
<i>Villosa vanuxemensis</i>	Mountain creekshell			X	X
<i>Corbicula manilensis</i>	Asiatic clam		X	X	X
Mollusk Taxa Total		0	2	14	22+

NS - Not sampled

Table B-10. List of fish species found in Greenlick Creek, Poplar Creek, and two sites in the Duck River, Maury County, TN, June 23-24, 1999.

Scientific name	Common Name	Poplar Creek	Greenlick Creek	Duck River	
		Foster Chapel Road	TN 50 Bridge	Kettle Mills DRM 104	Williamsport DRM 116
Lepisosteidae	Gars (1)			(1)	(1)
<i>Lepisosteus osseus</i>	Longnose Gar			X	X
Clupeidae	Herrings (1)			(1)	(1)
<i>Dorosomacepedianum</i>	Gizzard shad			X	X
Cyprinidae	Minnows (21)	(5)	(8)	(13)	(15)
<i>Campostoma oligolepis</i>	Largescale stoneroller	X	X	X	X
<i>Clinostomus funduloides</i>	Rosyside dace	X	X		
<i>Cyprinella galactura</i>	Whitetail shiner	X		X	X
<i>Cyprinella spiloptera</i>	Spotfin shiner			X	X
<i>Cyprinella whipplei</i>	Steelcolor shiner			X	X
<i>Erimystax dissimilis</i>	Streamlined chub			X	X
<i>Erimystax insignis</i>	Blotched chub			X	X
<i>Hybopsis amblops</i>	Bigeye chub			X	X
<i>Luxilus chrysocephalus</i>	Striped shiner	X	X	X	X
<i>Lythrurus ardens</i>	Rosefin shiner		X		
<i>Notropis atherinoides</i>	Emerald shiner				X
<i>Notropis photogenis</i>	Silver shiner			X	
<i>Notropis rubellus</i>	Rosyface shiner			X	X
<i>Notropis telescopus</i>	Telescope shiner			X	X
<i>Notropis volucellus</i>	Mimic shiner			X	X
<i>Notropis sp.</i>	Sawfin shiner				X
<i>Phoxinus erythrogaster</i>	Southern redbelly dace	X			
<i>Pimephales notatus</i>	Bluntnose minnow	X			
<i>Pimephales vigilax</i>	Bullhead minnow			X	X
<i>Rhinichthys atratulus</i>	Blacknose dace	X			
<i>Semotilus atromaculatus</i>	Creek chub	X	X		X
Catostomidae	Suckers (9)	(2)	(1)	(8)	(9)
<i>Hypentelium nigricans</i>	Northern hog sucker	X	X	X	X
<i>Ictiobus bubalus</i>	Smallmouth buffalo			X	X
<i>Ictiobus niger</i>	Black buffalo			X	X
<i>Minytremamelanops</i>	Spotted sucker				X
<i>Moxostoma anisurum</i>	Silver redhorse			X	X
<i>Moxostoma carinatum</i>	River redhorse			X	X
<i>Moxostoma duquesnei</i>	Black redhorse			X	X
<i>Moxostoma erythrum</i>	Golden redhorse		X	X	X
<i>Moxostoma macrolepidotum</i>	Shorthead redhorse			X	X
Ictaluridae	Catfishes (5)	(1)	(1)	(2)	(3)
<i>Ameiurus natalis</i>	Yellow bullhead	X			
<i>Ictalurus furcatus</i>	Blue catfish				

Table B-10 (Continued)

Scientific Name	Common Name	Poplar Creek	Greenlick Creek	Duck River	
		Foster Chapel Road	TN 50 Bridge	Kettle Mills DRM 104	Williamsport DRM 116
<i>Ictalurus punctatus</i>	Channel catfish		X	X	X
<i>Noturus eleutherus</i>	Mountain madtom			X	X
<i>Pylodictis olivaris</i>	Flathead catfish				X
Fundulidae	Topminnows (2)	(1)		(2)	
<i>Fundulus catenatus</i>	Northern studfish	X		X	
<i>Fundulus olivaceus</i>	Blackspot topminnow			X	
Poeciliidae	Livebearers (1)				(1)
<i>Gambusia affinis</i>	Western mosquitofish				X
Atherinidae	Silversides (1)				(1)
<i>Labidesthes sicculus</i>	Brook silverside				X
Cottidae	Sculpins (1)	(1)	(1)	(1)	(1)
<i>Cottus caroliniae</i>	Banded sculpin	X	X	X	X
Moronidae	Temperate basses (2)				(2)
<i>Morone chrysops</i>	White bass				X
<i>Morone saxatilis</i>	Striped bass				X
Centrarchidae	Sunfishes (7)	(2)	(4)		
<i>Ambloplites rupestris</i>	Rock bass		X	X	X
<i>Lepomis cyanellus</i>	Green sunfish	X	X	X	X
<i>Lepomis macrochirus</i>	Bluegill	X	X	X	X
<i>Lepomis megalotis</i>	Longear sunfish		X	X	X
<i>Micropterus dolomieu</i>	Smallmouth bass			X	X
<i>Micropterus punctulatus</i>	Spotted bass			X	X
<i>Micropterus salmoides</i>	Largemouth bass			X	
Percidae	Perches (15)	(5)	(3)	(10)	(9)
<i>Etheostoma aequale</i>	Coppercheek darter			X	
<i>Etheostoma blennioides</i>	Greenside darter			X	X
<i>Etheostoma caeruleum</i>	Rainbow darter	X		X	
<i>Etheostoma flabellare</i>	Fantail darter	X	X		
<i>Etheostoma flavum</i>	Saffron darter	X	X		
<i>Etheostoma luteovinctum</i>	Redband darter	X			
<i>Etheostoma nigripinne</i>	Blackfin darter	X			
<i>Etheostoma rufileatum</i>	Redline darter			X	X
<i>Etheostoma simotermum</i>	Snubnose darter			X	X
<i>Etheostoma stigmaeum</i>	Speckled darter				X
<i>Etheostoma zonale</i>	Banded darter			X	X
<i>Percina caprodes</i>	Logperch		X	X	X
<i>Percina evides</i>	Gilt darter			X	X
<i>Percina phoxocephala</i>	Slenderhead darter			X	X
<i>Stizostedion canadense</i>	Sauger			X	X
Sciaenidae	Drums (1)			(1)	(1)
<i>Aploidinotus grunniens</i>	Freshwater drum			X	X
Totals	65 Species	19	16	46	50

Table B-11. Freshwater mollusks (snails, mussels, and other bivalves) found in the Fountain Creek watershed within the last 30 years (since 1970). Information from Etnier, et al. (1983); and TVA unpublished data. Nomenclature follows Turgeon, et al. (1988).

Scientific Name	Common Name	Fountain Creek Mi. 0.3	Fountain Creek Mi. 13.3
Gastropoda	Aquatic Snails		(4)
<i>Elimia laqueata</i>	Panel elimia		X
<i>Ferrissia</i> sp.	Ancylid		X
<i>Physella</i> sp.	Physa		X
<i>Planorbella</i> sp.	Rams-horn		X
Bivalvia: Unionidae	Native Mussels	(1)	(1)
<i>Lampsilis ovata</i>	Pocketbook	X	
<i>Corbicula manilensis</i>	Asiatic clam		X
Sphaeriidae	Fingernail Clams	NS	
Mollusk Totals	5	1	5

Table B-12. Freshwater fishes encountered in the Fountain Creek watershed within the last 30 years (since 1970). Data from ARC (1995); Burr et al. (1993); Nieland (1982); Saylor and Ahlstedt (1993); and Scott and Gardner (1995); and TVA unpublished data.

Scientific Name	Common Name	FC #1	FC #2	Silver Creek	Hurricane Creek	S. Fk F C	Brush Creek
Clupeidae	Herrings (1)						
<i>Dorosoma cepedianum</i>	Gizzard shad		X				
Cyprinidae	Minnnows (15)						
<i>Campostoma oligolepis</i>	Largescale stoneroller	X	X	X	X	X	X
<i>Cyprinella galactura</i>	Whitetail shiner		X		X		
<i>Cyprinella spiloptera</i>	Spotfin shiner	X	X		X		
<i>Erimystax insignis</i>	Blotched chub	X	X				
<i>Hybopsis amblops</i>	Bigeye chub		X				
<i>Luxilus chrysocephalus</i>	Striped shiner	X	X	X	X	X	X
<i>Lythrurus ardens</i>	Rosefin shiner		X	X	X	X	X
<i>Lythrurus lirus</i>	Mountain shiner	X	X				
<i>Notropis ariommus</i>	Popeye shiner						
<i>Notropis boops</i>	Bigeye shiner			X			
<i>Notropis rubellus</i>	Rosyface shiner						
<i>Notropis telescopus</i>	Telescope shiner	X	X			X	X
<i>Notropis volucellus</i>	Mimic shiner						
<i>Pimephales notatus</i>	Bluntnose minnow	X	X	X	X	X	X
<i>Semotilus atromaculatus</i>	Creek chub			X			
Catostomidae	Suckers (6)						
<i>Catostomus commersoni</i>	White sucker						
<i>Hypentelium nigricans</i>	Northern hog sucker	X	X			X	
<i>Minytrema melanops</i>	Spotted sucker						
<i>Moxostoma duquesnei</i>	Black redbhorse	X	X			X	
<i>Moxostoma erythrurum</i>	Golden redbhorse	X		X		X	
<i>Moxostoma macrolepidotum</i>	Shorthead redbhorse						
Ictaluridae	Catfishes (4)						
<i>Ameiurus melas</i>	Black bullhead						
<i>Ameiurus natalis</i>	Yellow bullhead	X	X	X			
<i>Noturus exilis</i>	Slender madtom		X				
<i>Noturus miurus</i>	Brindled madtom						
Cyprinodontidae	Topminnows (3)						
<i>Fundulus catenatus</i>	Northern studfish	X	X	X	X	X	
<i>Fundulus notatus</i>	Blackstripe topminnow	X	X	X	X	X	X
<i>Fundulus olivaceus</i>	Blackspeckled topminnow						

Table B-12 (Continued)

Scientific Name	Common Name	FC #1	FC #2	Silver Creek	Hurricane Creek	S. Fk. F C	Brush Creek
Poeciliidae	Livebearers (1)						
<i>Gambusia affinis</i>	Western mosquitofish	X		X			
Atherinidae	Silversides (1)						
<i>Labidesthes sicculus</i>	Brook silverside	X	X				
Cottidae	Sculpins (1)						
<i>Cottus carolinae</i>	Banded sculpin	X	X	X		X	
Centrarchidae	Sunfishes (8)						
<i>Ambloplites rupestris</i>	Rock bass		X				
<i>Lepomis cyanellus</i>	Green sunfish	X	X	X	X		
<i>Lepomis gulosus</i>	Warmouth						
<i>Lepomis macrochirus</i>	Bluegill	X	X			X	
<i>Lepomis megalotis</i>	Longear sunfish	X	X			X	
<i>Micropterus dolomieu</i>	Smallmouth bass		X				
<i>Micropterus punctulatus</i>	Spotted bass	X	X				X
<i>Micropterus salmoides</i>	Largemouth bass						
Percidae	Perches (11)						
<i>Etheostoma aquali</i>	Coppercheek darter	X	X				
<i>Etheostoma blennioides</i>	Greenside darter	X	X			X	
<i>Etheostoma caeruleum</i>	Rainbow darter	X	X				
<i>Etheostoma crossopterus</i>	Fringed darter	X	X	X	X	X	X
<i>Etheostoma flabellare</i>	Fantail darter	X	X	X	X	X	X
<i>Etheostoma flavum</i>	Saffron darter	X	X	X	X	X	X
<i>Etheostoma luteovinctum</i>	Redband darter			X			
<i>Etheostoma rufilineatum</i>	Redline darter	X	X				
<i>Etheostoma simoterum</i>	Snubnose darter	X	X				
<i>Percina caprodes</i>	Logperch		X				
<i>Percina phoxocephala</i>	Slenderhead darter						
Totals	50	28	34	17	12	17	10

Table B-13. Freshwater mussels found alive or as fresh shells in Flat Creek (three sites), Bedford County, TN, and East Fork Mulberry Creek, Moore County, TN, June 21 and 22, 1999.

Scientific name	Common Name	Flat Creek			East Fk. Mulberry Creek TN 55 and TN 82 Bridges
		US 231	Old Center Church Road	New Center Church Road	
Gastropoda	Aquatic Snails	(2)	(2)	(1)	
<i>Elimia</i> sp.	Elimia	X	X	X	
<i>Lithasia</i> sp.	Rocksnailed	X			
<i>Pleurocera canaliculata</i>	Silty hornsnail		X		
Bivalvia	Mussels and Clams	(3)	(1)	(4)	
<i>Fusconaia barnesiana</i>	Tennessee pigtoe	X		X	
<i>Medionidus conradicus</i>	Cumberland moccasinshell	X	X	X	
<i>Villosa iris</i> spp.	Rainbows	X		X	
<i>Villosa vanuxemensis</i>	Mountain creekshell			X	
<i>Corbicula manilensis</i>	Asiatic clam	X			
Mollusks	8 Species	6	3	5	0

Table B-14. List of fish species found in Flat Creek (three sites), Bedford County, TN, and East Fork Mulberry Creek, Moore County, TN, June 21-22, 1999.

Scientific name	Common Name	Flat Creek			East Fk. Mulberry Creek
		US 231	Old Center Church Road	New Center Church Road	TN 55 and TN 82 Bridges
Cyprinidae	Minnows (14)	(10)	(7)	(8)	(11)
<i>Campostoma oligolepis</i>	Largescale stoneroller	X	X	X	X
<i>Clinostomus funduloides</i>	Rosyside dace				X
<i>Cyprinella galactura</i>	Whitetail shiner	X	X	X	X
<i>Cyprinella spiloptera</i>	Spotfin shiner	X		X	X
<i>Cyprinus carpio</i>	Common carp			X	
<i>Hybopsis amblops</i>	Bigeye chub	X	X	X	X
<i>Luxilus chrysocephalus</i>	Striped shiner	X	X	X	X
<i>Lythrurus ardens</i>	Rosefin shiner	X	X	X	X
<i>Notropis boops</i>	Bigeye shiner	X	X		
<i>Notropis telescopus</i>	Telescope shiner	X		X	X
<i>Notropis volucellus</i>	Mimic shiner				X
<i>Phenacobius uranops</i>	Stargazing minnow	X			
<i>Pimephales notatus</i>	Bluntnose minnow	X			X
<i>Semotilus atromaculatus</i>	Creek chub		X		X
Catostomidae	Suckers (4)	(4)	(2)	(3)	(2)
<i>Hypentelium nigricans</i>	Northern hog sucker	X	X	X	X
<i>Moxostoma anisurum</i>	Silver redhorse	X			
<i>Moxostoma duquesnei</i>	Black redhorse	X		X	
<i>Moxostoma erythrurum</i>	Golden redhorse	X	X	X	X
Ictaluridae	Freshwater Catfishes(2)	(1)	(1)		(1)
<i>Ameiurus natalis</i>	Yellow bullhead	X	X		
<i>Noturus exilis</i>	Slender madtom				X
Fundulidae	Topminnows (1)		(1)	(1)	(1)
<i>Fundulus catenatus</i>	Northern studfish		X	X	X
Poeciliidae	Livebearers (1)	(1)	(1)		
<i>Gambusia affinis</i>	Western mosquitofish	X	X		
Atherinidae	Silversides (1)		(1)		
<i>Labidesthes sicculus</i>	Brook silverside		X		
Cottidae	Sculpins (1)	(1)	(1)	(1)	(1)
<i>Cottus carolinae</i>	Banded sculpin	X	X	X	X
Centrarchidae	Sunfishes (6)	(6)	(5)	(5)	(5)
<i>Ambloplites rupestris</i>	Rock bass	X	X	X	X
<i>Lepomis cyanellus</i>	Green sunfish	X	X	X	X
<i>Lepomis macrochirus</i>	Bluegill	X	X	X	X
<i>Lepomis megalotis</i>	Longear sunfish	X	X	X	X
<i>Micropterus dolomieu</i>	Smallmouth bass	X			X
<i>Micropterus punctulatus</i>	Spotted bass	X	X	X	

Table B-14 (Continued)

Scientific name	Common Name	Flat Creek			East Fk Mulberry Creek
		US 231	Old Center Church Road	New Center Church Road	TN 55 and TN 82 Bridges
Percidae	Perches (12)	(10)	(6)	(5)	(4)
<i>Etheostoma aquale</i>	Coppercheek darter	X			
<i>Etheostoma blennioides</i>	Greenside darter	X	X	X	X
<i>Etheostoma caeruleum</i>	Rainbow darter	X	X	X	
<i>Etheostoma cinereum</i>	Ashy darter	X			
<i>Etheostoma duryi</i>	Black darter				X
<i>Etheostoma flabellare</i>	Fantail darter	X	X	X	X
<i>Etheostoma flavum</i>	Saffron darter	X	X	X	
<i>Etheostoma nigripinne</i>	Blackfin darter	X			X
<i>Etheostoma rufileatum</i>	Redline darter	X			
<i>Etheostoma simoterum</i>	Snubnose darter	X	X	X	
<i>Etheostoma stigmaeum</i>	Speckled darter		X		
<i>Etheostoma zonale</i>	Banded darter	X			
Total	42 Species	32	25	23	25