

APALACHICOLA RIVER BASIN

2004 Water Year

02350080 LIME CREEK NEAR COBB, GA (National Water-Quality Assessment station)

LOCATION.--Lat 32°02'02", long 83°59'47" referenced to North American Datum (NAD) of 1927, Sumter County, Hydrologic Unit 03130006, on right side of stream, 0.4 miles upstream of bridge crossing for Spring Creek Church Road, 1.85 miles north of intersection of Spring Creek Church Road and Lower River Road, 6.85 miles north of Cobb.

DRAINAGE AREA.—61.8 square miles, approximately.

COOPERATION.—USGS National Water-Quality Assessment (NAWQA) Program; Atlanta Regional Commission.

PERIODIC ECOLOGICAL RECORDS

PERIOD OF RECORD.—1993 to present. Current water year data: May 18, 2004 (invertebrates) and December 13, 2004 (fishes).

REMARKS.— Data collection protocols used are from the Revised Protocols for Sampling Algal, Invertebrate, and Fish Communities as Part of the National Water-Quality Assessment Program (USGS, Open File Report 02-150, 2002). The Biological Group of the USGS National Water Quality Laboratory identified invertebrates and Mary Freeman and Paula Marcinek of USGS, Biological Resources Division, identified fishes. Total reach length assessed was 150 meters. Invertebrate data abbreviations: QMH-qualitative sample, RTH-quantitative sample, sp.-species, L-larvae, A-adult, P-pupae. Fish abbreviations: sp.-species, 11A-pass 1, 11B-pass 2, TL-total length, mm-millimeters, g-grams.

Invertebrates

Sample Type	Order	Family	Scientific Name	Lifestage	Abundance
QMH			Turbellaria		1
QMH	Mesogastropoda	Viviparidae	Campeloma sp.		1
QMH	Mesogastropoda	Pleuroceridae	Elimia sp.		1
QMH	Basommatophora	Ancylidae	Laevapex fuscus (Adams)		1
QMH	Paleoheterodonta	Unionidae	Unionidae		1
QMH	Veneroida	Corbiculidae	Corbicula sp.		1
QMH	Veneroida	Sphaeriidae	Pisidium sp.		1
QMH	Lumbriculida	Lumbriculidae	Lumbriculidae		1
QMH	Arhynchobdellae	Erpobdellidae	Erpobdellidae		1
QMH	Decapoda	Cambaridae	Cambaridae		1
QMH	Ephemeroptera	Ephemeridae	Hexagenia sp.	L	1
QMH	Ephemeroptera	Ephemeridae	Hexagenia atrocaudata McDunnough	L	1
QMH	Ephemeroptera	Baetidae	Baetis intercalaris McDunnough	L	1
QMH	Ephemeroptera	Heptageniidae	Heptageniidae	L	1
QMH	Ephemeroptera	Heptageniidae	Stenonema sp.	L	1
QMH	Ephemeroptera	Heptageniidae	Stenonema modestum (Banks)/smithae Traver	L	1
QMH	Ephemeroptera	Isonychiidae	Isonychia sp.	L	1
QMH	Odonata	Calopterygidae	Calopteryx maculata (Beauvois)	L	1
QMH	Odonata	Coenagrionidae	Coenagrionidae	L	1
QMH	Odonata	Coenagrionidae	Argia sp.	L	1
QMH	Odonata	Coenagrionidae	Enallagma sp.	L	1
QMH	Odonata	Gomphidae	Progomphus obscurus (Rambur)	L	1
QMH	Odonata	Gomphidae	Stylurus sp.	L	1
QMH	Odonata	Macromiidae	Macromiidae	L	1
QMH	Odonata	Macromiidae	Didymops transversa (Say)	L	1
QMH	Plecoptera	Perlidae	Perlesta sp.	L	1
QMH	Hemiptera	Corixidae	Sigara sp.	A	1
QMH	Hemiptera	Gerridae	Gerrinae	L	1
QMH	Hemiptera	Veliidae	Rhagovelia obesa Uhler	A	1
QMH	Megaloptera	Corydalidae	Chauliodes sp.	L	1
QMH	Trichoptera	Hydropsychidae	Cheumatopsyche sp.	L	1
QMH	Trichoptera	Leptoceridae	Oecetis sp.	L	1
QMH	Coleoptera	Gyrinidae	Dineutus ciliatus (Forsberg)	A	1
QMH	Coleoptera	Gyrinidae	Dineutus serrulatus LeConte	A	1
QMH	Coleoptera	Elmidae	Stenelmis sp.	A	1

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Sample Type	Order	Family	Scientific Name	Lifestage	Abundance
QMH	Coleoptera	Elmidae	Stenelmis xylonastis Schmude and Barr	A	1
QMH	Diptera	Ceratopogonidae	Ceratopogonidae	L	1
QMH	Diptera	Ceratopogonidae	Ceratopogonidae	P	1
QMH	Diptera	Chironomidae	Chironomidae	L	1
QMH	Diptera	Chironomidae	Paratendipes sp.	L	1
QMH	Diptera	Chironomidae	Phaenopsectra sp.	L	1
QMH	Diptera	Chironomidae	Polypedilum sp.	L	1
QMH	Diptera	Chironomidae	Tribelos sp.	L	1
QMH	Diptera	Chironomidae	Micropsectra/Tanytarsus sp.	L	1
QMH	Diptera	Chironomidae	Paratanytarsus sp.	L	1
QMH	Diptera	Chironomidae	Stempellinella sp.	L	1
QMH	Diptera	Chironomidae	Tanytarsus sp.	L	1
QMH	Diptera	Chironomidae	Cricotopus sp.	L	1
QMH	Diptera	Chironomidae	Thienemannimyia group sp. (Coffman and Ferrington)	1L	1
QMH	Diptera	Chironomidae	Ablabesmyia sp.	L	1
QMH	Diptera	Chironomidae	Pentaneura sp.	L	1
QMH	Diptera	Chironomidae	Procladius sp.	L	1
QMH	Diptera	Simuliidae	Simuliidae	L	1
QMH	Diptera	Tipulidae	Tipula sp.	L	1
QMH	Diptera	Tipulidae	Limoniinae	L	1
RTH	Hoplonemertea	Tetrastemmatidae	Prostoma sp.		5
RTH	Mesogastropoda	Pleuroceridae	Elimia sp.		2
RTH	Basommatophora	Ancylidae	Ancylidae		10
RTH	Tubificida	Naididae	Naididae		130
RTH			Acari		120
RTH	Decapoda	Cambaridae	Cambaridae		1
RTH	Ephemeroptera	Baetidae	Baetidae	L	24
RTH	Ephemeroptera	Baetidae	Centroptilum/Proclaeon sp.	L	5
RTH	Ephemeroptera	Baetidae	Baetis sp.	L	14
RTH	Ephemeroptera	Baetidae	Baetis intercalaris McDunnough	L	111
RTH	Ephemeroptera	Heptageniidae	Heptageniidae	L	72
RTH	Ephemeroptera	Heptageniidae	Stenonema modestum (Banks)/smithae Traver	L	6
RTH	Ephemeroptera	Isonychiidae	Isonychia sp.	L	14
RTH	Odonata	Aeshnidae	Boyeria vinosa (Say)	L	1
RTH	Plecoptera	Perlidae	Perlesta sp.	L	48
RTH	Trichoptera		Trichoptera	P	5
RTH	Trichoptera	Hydroptilidae	Hydroptila sp.	L	91
RTH	Trichoptera	Hydroptilidae	Hydroptila sp.	P	5
RTH	Trichoptera	Hydropsychidae	Hydropsychidae	L	29
RTH	Trichoptera	Hydropsychidae	Cheumatopsyche sp.	L	30
RTH	Trichoptera	Hydropsychidae	Hydropsyche sp.	L	14
RTH	Trichoptera	Leptoceridae	Oecetis persimilis (Banks)	L	19
RTH	Coleoptera	Elmidae	Elmidae	L	5
RTH	Coleoptera	Elmidae	Ancyronyx variegata (Germar)	A	5
RTH	Coleoptera	Elmidae	Ancyronyx variegata (Germar)	L	197
RTH	Coleoptera	Elmidae	Macronychus glabratus Say	L	24
RTH	Coleoptera	Elmidae	Stenelmis sp.	A	29
RTH	Coleoptera	Elmidae	Stenelmis sp.	L	38
RTH	Diptera	Ceratopogonidae	Ceratopogonidae	P	5
RTH	Diptera	Chironomidae	Chironomidae	P	38
RTH	Diptera	Chironomidae	Chironominae	P	48
RTH	Diptera	Chironomidae	Dicrotendipes sp.	L	10
RTH	Diptera	Chironomidae	Nilothauma sp.	L	5
RTH	Diptera	Chironomidae	Polypedilum sp.	L	149
RTH	Diptera	Chironomidae	Stelechomyia perpulchra (Mitchell)	L	43
RTH	Diptera	Chironomidae	Stenochironomus sp.	L	130
RTH	Diptera	Chironomidae	Tribelos sp.	L	5
RTH	Diptera	Chironomidae	Xestochironomus sp.	L	24
RTH	Diptera	Chironomidae	Micropsectra/Tanytarsus sp.	L	19
RTH	Diptera	Chironomidae	Rheotanytarsus sp.	L	38
RTH	Diptera	Chironomidae	Stempellinella sp.	L	53
RTH	Diptera	Chironomidae	Tanytarsus sp.	L	77
RTH	Diptera	Chironomidae	Cricotopus/Orthocladius sp.	L	34
RTH	Diptera	Chironomidae	Cricotopus sp.	L	19
RTH	Diptera	Chironomidae	Thienemannimyia group sp. (Coffman and Ferrington)	L	10
RTH	Diptera	Chironomidae	Pentaneura sp.	L	5
RTH	Diptera	Empididae	Hemerodromiinae	P	5
RTH	Diptera	Empididae	Hemerodromia sp.	L	67

Fishes

Scientific Name	Common Name	Method	Shock Sec	Count	TL(mm)	Weight (g)
Micropterus salmoides	largemouth bass	11A	1476	1	165	45
Micropterus salmoides	largemouth bass	11A	1476	1	208	101

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Scientific Name	Common Name	Method	Shock Seconds	Count	TL(mm)	Weight (g)
Micropterus salmoides	largemouth bass	11A	1476	1	161	40
Micropterus salmoides	largemouth bass	11A	1476	1	98	8.2
Micropterus salmoides	largemouth bass	11A	1476	1	92	6.9
Micropterus salmoides	largemouth bass	11A	1476	1	78	4.8
Perca flavescens	yellow perch	11A	1476	1	104	8.4
Perca flavescens	yellow perch	11A	1476	1	117	12.1
Percina nigrofasciata	blackbanded darter	11A	1476	1	48	0.8
Percina nigrofasciata	blackbanded darter	11A	1476	1	59	1.8
Percina nigrofasciata	blackbanded darter	11A	1476	1	53	1.1
Percina nigrofasciata	blackbanded darter	11A	1476	1	68	1.9
Percina nigrofasciata	blackbanded darter	11A	1476	1	56	2.7
Percina nigrofasciata	blackbanded darter	11A	1476	1	60	2
Percina nigrofasciata	blackbanded darter	11A	1476	1	50	1.1
Percina nigrofasciata	blackbanded darter	11A	1476	1	50	0.6
Lepomis auritus	redbreast sunfish	11A	1476	1	185	104
Lepomis auritus	redbreast sunfish	11A	1476	1	163	73
Lepomis macrochirus	bluegill	11A	1476	1	85	8.1
Lepomis macrochirus	bluegill	11A	1476	1	80	7.2
Lepomis macrochirus	bluegill	11A	1476	1	85	8
Lepomis macrochirus	bluegill	11A	1476	1	83	8
Lepomis macrochirus	bluegill	11A	1476	1	74	4.6
Lepomis macrochirus	bluegill	11A	1476	1	66	3.7
Lepomis macrochirus	bluegill	11A	1476	1	80	7.1
Lepomis macrochirus	bluegill	11A	1476	1	92	10.2
Lepomis macrochirus	bluegill	11A	1476	1	85	7.1
Lepomis macrochirus	bluegill	11A	1476	1	48	1.7
Lepomis punctatus	spotted sunfish	11A	1476	1	80	9.7
Lepomis punctatus	spotted sunfish	11A	1476	1	83	112
Lepomis auritus	redbreast sunfish	11A	1476	1	78	69
Lepomis auritus	redbreast sunfish	11A	1476	1	104	17
Lepomis macrochirus	bluegill	11A	1476	1	144	50
Lepomis auritus	redbreast sunfish	11A	1476	1	82	7.9
Lepomis macrochirus	bluegill	11A	1476	1	86	9
Lepomis auritus	redbreast sunfish	11A	1476	1	80	7.2
Lepomis auritus	redbreast sunfish	11A	1476	1	65	4.3
Lepomis macrochirus	bluegill	11A	1476	1	83	7.7
Lepomis macrochirus	bluegill	11A	1476	1	54	2.2
Lepomis macrochirus	bluegill	11A	1476	1	75	5.3
Lepomis auritus	redbreast sunfish	11A	1476	1	95	12.3
Lepomis auritus	redbreast sunfish	11A	1476	1	62	3.6
Lepomis auritus	redbreast sunfish	11A	1476	1	54	2.2
Lepomis auritus	redbreast sunfish	11A	1476	1	70	5.3
Lepomis auritus	redbreast sunfish	11A	1476	1	61	3.1
Lepomis punctatus	spotted sunfish	11A	1476	1	66	5.7
Lepomis punctatus	spotted sunfish	11A	1476	1	75	8
Lepomis auritus	redbreast sunfish	11A	1476	1	70	4.4
Lepomis cyanellus	green sunfish	11A	1476	1	61	3.8
Lepomis punctatus	spotted sunfish	11A	1476	1	68	5.6
Lepomis auritus	redbreast sunfish	11A	1476	1	71	5.5
Lepomis cyanellus	green sunfish	11A	1476	1	68	5.4
Lepomis auritus	redbreast sunfish	11A	1476	1	35	0.8
Lepomis punctatus	spotted sunfish	11A	1476	1	70	6.6
Lepomis punctatus	spotted sunfish	11A	1476	1	53	2.6
Lepomis auritus	redbreast sunfish	11A	1476	1	54	2.5
Lepomis auritus	redbreast sunfish	11A	1476	1	60	2.8
Lepomis auritus	redbreast sunfish	11A	1476	1	62	3.6
Lepomis auritus	redbreast sunfish	11A	1476	1	40	1
Lepomis cyanellus	green sunfish	11A	1476	1	41	0.9
Lepomis punctatus	spotted sunfish	11A	1476	1	33	0.4
Lepomis cyanellus	green sunfish	11A	1476	1	49	1.7
Lepomis punctatus	spotted sunfish	11A	1476	1	35	0.5
Lepomis gulosus	warmouth	11A	1476	1	125	33
Aphredoderus sayanus	pirate perch	11A	1476	1	70	3.9
Aphredoderus sayanus	pirate perch	11A	1476	1	59	2.3
Aphredoderus sayanus	pirate perch	11A	1476	1	64	3.1
Aphredoderus sayanus	pirate perch	11A	1476	1	53	1.7
Aphredoderus sayanus	pirate perch	11A	1476	1	42	1.1
Aphredoderus sayanus	pirate perch	11A	1476	1	78	6.9
Aphredoderus sayanus	pirate perch	11A	1476	1	65	3.2
Noturus leptacanthus	speckled madtom	11A	1476	1	90	7.4
Ichthyomyzon gagei	southern brook lamprey	11A	1476	1	140	7.5
Labidesthes sicculus	brook silverside	11A	1476	1	120	5.8
Lepomis punctatus	spotted sunfish	11A	1476	1	33	0.9
Labidesthes sicculus	brook silverside	11A	1476	1	65	1.5
Labidesthes sicculus	brook silverside	11A	1476	1	54	1.1
Labidesthes sicculus	brook silverside	11A	1476	1	65	1.6
Labidesthes sicculus	brook silverside	11A	1476	1	60	1.1
Labidesthes sicculus	brook silverside	11A	1476	1	65	1.4
Labidesthes sicculus	brook silverside	11A	1476	1	55	0.9
Labidesthes sicculus	brook silverside	11A	1476	1	55	0.8
Labidesthes sicculus	brook silverside	11A	1476	1	57	0.9
Labidesthes sicculus	brook silverside	11A	1476	1	60	0.8

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02350080 LIME CREEK NEAR COBB, GA —continued.

Scientific Name	Common Name	Method	Shock Seconds	Count	TL(mm)	Weight (g)
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	0.9
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	48	0.8
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	45	0.6
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	48	0.8
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	51	0.9
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	53	1.1
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	54	1.4
Notropis texanus	weed shiner	11A	1476	1	59	1.7
Notropis texanus	weed shiner	11A	1476	1	62	1.9
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	53	1
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	1
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	49	0.7
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	51	1
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	0.9
Notropis texanus	weed shiner	11A	1476	1	60	1.8
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	0.9
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	0.9
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	1
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	48	0.7
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	53	1.1
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	0.9
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	1
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	0.9
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	1
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	48	0.8
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	45	0.6
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	45	0.6
Notropis texanus	weed shiner	11A	1476	1	62	1.9
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	60	0.8
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	52	0.9
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	1
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	0.8
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	51	0.9
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	50	0.9
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	52	1
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	55	1.2
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	47	0.7
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	48	0.8
Opsopoeodus emiliae	pugnose minnow	11A	1476	1	45	0.8
Lepomis macrochirus	bluegill	11A	1476	1	29	0.4
Notropis winchelli	clear chub	11A	1476	1	64	1.9
Notropis winchelli	clear chub	11A	1476	1	60	1.7
Notropis winchelli	clear chub	11A	1476	1	68	2
Notropis winchelli	clear chub	11A	1476	1	64	1.7
Notropis winchelli	clear chub	11A	1476	1	60	1.8
Notropis winchelli	clear chub	11A	1476	1	55	1.4
Notropis winchelli	clear chub	11A	1476	1	57	1.2
Notropis winchelli	clear chub	11A	1476	1	62	1.7
Notropis winchelli	clear chub	11A	1476	1	66	2.5
Notropis winchelli	clear chub	11A	1476	1	58	1.4
Notropis winchelli	clear chub	11A	1476	1	56	1.3
Notropis winchelli	clear chub	11A	1476	1	58	1.4
Notropis winchelli	clear chub	11A	1476	1	68	2.3
Notropis winchelli	clear chub	11A	1476	1	59	1.5
Notropis winchelli	clear chub	11A	1476	1	60	1.4
Notropis winchelli	clear chub	11A	1476	1	60	1.6
Notropis winchelli	clear chub	11A	1476	1	58	1.2
Notropis winchelli	clear chub	11A	1476	1	55	1.1
Notropis winchelli	clear chub	11A	1476	1	60	1.2
Notropis winchelli	clear chub	11A	1476	1	60	1.3
Notropis winchelli	clear chub	11A	1476	1	60	1.5
Notropis winchelli	clear chub	11A	1476	1	60	1.4
Notropis winchelli	clear chub	11A	1476	1	60	1.2
Notropis winchelli	clear chub	11A	1476	1	55	1.2
Notropis winchelli	clear chub	11A	1476	1	62	1.5
Notropis texanus	weed shiner	11A	1476	1	49	0.8
Notropis winchelli	clear chub	11A	1476	1	55	1
Notropis texanus	weed shiner	11A	1476	1	64	2.1
Notropis winchelli	clear chub	11A	1476	1	67	2.5
Notropis winchelli	clear chub	11A	1476	1	57	1.3
Notropis winchelli	clear chub	11A	1476	1	56	1.3
Notropis winchelli	clear chub	11A	1476	1	57	1.3
Notropis winchelli	clear chub	11A	1476	1	56	1.2
Notropis winchelli	clear chub	11A	1476	1	55	1.2
Notropis winchelli	clear chub	11A	1476	1	60	1.6
Notropis winchelli	clear chub	11A	1476	1	60	1.6
Notropis winchelli	clear chub	11A	1476	1	58	1.4
Notropis winchelli	clear chub	11A	1476	1	56	1.3
Notropis winchelli	clear chub	11A	1476	1	57	1.6
Notropis winchelli	clear chub	11A	1476	1	62	1.6
Notropis winchelli	clear chub	11A	1476	1	69	2.5
Notropis winchelli	clear chub	11A	1476	1	62	1.8
Notropis winchelli	clear chub	11A	1476	1	56	1.4

**APALACHICOLA RIVER BASIN
2004 Water Year**

02350080 LIME CREEK NEAR COBB, GA —continued.

Scientific Name	Common Name	Method	Shock Seconds	Count	TL(mm)	Weight (g)
Opsopoeodus emiliae	pugnose minnow	11A	1476	14		13
Etheostoma swaini	gulf darter	11A	1476	1	46	0.7
Fundulus lineolatus	lined topminnow	11A	1476	1	41	0.6
Minytrema melanops	spotted sucker	11A	1476	1	82	4.6
Notropis euryzonus	broadstripe shiner	11A	1476	1	31	0.2
Ameiurus natalis	yellow bullhead	11B	1479	1	295	403
Lepomis auritus	redbreast sunfish	11B	1479	1	60	2.9
Ichthyomyzon gagei	southern brook lamprey	11B	1479	1	125	4.2
Ichthyomyzon gagei	southern brook lamprey	11B	1479	1	100	1.8
Ichthyomyzon gagei	southern brook lamprey	11B	1479	1	120	3.3
Ichthyomyzon gagei	southern brook lamprey	11B	1479	1	100	1.2
Noturus leptacanthus	speckled madtom	11B	1479	1	90	5.9
Noturus leptacanthus	speckled madtom	11B	1479	1	78	4.3
Lepomis auritus	redbreast sunfish	11B	1479	1	66	4.6
Etheostoma swaini	gulf darter	11B	1479	1	43	0.8
Percina nigrofasciata	blackbanded darter	11B	1479	1	56	1.5
Etheostoma swaini	gulf darter	11B	1479	1	43	0.8
Percina nigrofasciata	blackbanded darter	11B	1479	1	54	1.3
Aphredoderus sayanus	pirate perch	11B	1479	1	55	2.2
Aphredoderus sayanus	pirate perch	11B	1479	1	55	2
Etheostoma swaini	gulf darter	11B	1479	1	43	0.8
Aphredoderus sayanus	pirate perch	11B	1479	1	70	5.1
Percina nigrofasciata	blackbanded darter	11B	1479	1	47	0.9
Percina nigrofasciata	blackbanded darter	11B	1479	1	44	0.7
Aphredoderus sayanus	pirate perch	11B	1479	1	85	8.2
Aphredoderus sayanus	pirate perch	11B	1479	1	80	7.1
Etheostoma swaini	gulf darter	11B	1479	1	35	0.6
Lepomis auritus	redbreast sunfish	11B	1479	1	53	2.5
Lepomis auritus	redbreast sunfish	11B	1479	1	80	7
Lepomis auritus	redbreast sunfish	11B	1479	1	70	4.6
Lepomis auritus	redbreast sunfish	11B	1479	1	52	1.8
Lepomis auritus	redbreast sunfish	11B	1479	1	45	1.1
Lepomis auritus	redbreast sunfish	11B	1479	1	57	2.8
Lepomis auritus	redbreast sunfish	11B	1479	1	50	2
Lepomis auritus	redbreast sunfish	11B	1479	1	62	3.4
Lepomis punctatus	spotted sunfish	11B	1479	1	59	4
Lepomis punctatus	spotted sunfish	11B	1479	1	48	2.1
Lepomis cyanellus	green sunfish	11B	1479	1	56	2.8
Lepomis macrochirus	bluegill	11B	1479	1	70	4.8
Lepomis auritus	redbreast sunfish	11B	1479	1	53	2.3
Lepomis cyanellus	green sunfish	11B	1479	1	66	4.8
Lepomis cyanellus	green sunfish	11B	1479	1	50	2.4
Lepomis auritus	redbreast sunfish	11B	1479	1	56	2.9
Lepomis punctatus	spotted sunfish	11B	1479	1	37	1.1
Lepomis punctatus	spotted sunfish	11B	1479	1	46	2
Lepomis punctatus	spotted sunfish	11B	1479	1	101	22.8
Lepomis auritus	redbreast sunfish	11B	1479	1	85	9.4
Lepomis auritus	redbreast sunfish	11B	1479	1	78	7
Lepomis auritus	redbreast sunfish	11B	1479	1	85	10.2
Lepomis punctatus	spotted sunfish	11B	1479	1	77	7.9
Lepomis punctatus	spotted sunfish	11B	1479	1	115	30.1
Lepomis punctatus	spotted sunfish	11B	1479	1	67	5.5
Lepomis cyanellus	green sunfish	11B	1479	1	64	3.4
Lepomis cyanellus	green sunfish	11B	1479	1	48	1.7
Lepomis macrochirus	bluegill	11B	1479	1	137	39
Lepomis macrochirus	bluegill	11B	1479	1	94	10.6
Lepomis punctatus	spotted sunfish	11B	1479	1	87	12.4
Lepomis cyanellus	green sunfish	11B	1479	1	87	9.7
Lepomis cyanellus	green sunfish	11B	1479	1	80	8.6
Lepomis punctatus	spotted sunfish	11B	1479	1	79	9.8
Lepomis punctatus	spotted sunfish	11B	1479	1	59	3
Lepomis macrochirus	bluegill	11B	1479	1	125	28
Lepomis auritus	redbreast sunfish	11B	1479	1	134	66
Lepomis macrochirus	bluegill	11B	1479	1	73	4.3
Lepomis auritus	redbreast sunfish	11B	1479	1	56	5.5
Lepomis auritus	redbreast sunfish	11B	1479	1	60	3.4
Lepomis auritus	redbreast sunfish	11B	1479	1	62	3.5
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	50	0.9
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	54	1.2
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	50	1
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	54	1.1
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	46	0.7
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	46	0.8
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	50	0.9
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	54	1
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	50	0.8
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	51	0.9
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	54	1.1
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	50	0.9
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	51	1
Opsopoeodus emiliae	pugnose minnow	11B	1479	1	47	0.9

**APALACHICOLA RIVER BASIN
2004 Water Year**

02350080 LIME CREEK NEAR COBB, GA —continued.

Scientific Name	Common Name	Method	Shock Seconds	Count	TL(mm)	Weight (g)
<i>Opsopoeodus emiliae</i>	pugnose minnow	11B	1479	1	48	0.9
<i>Opsopoeodus emiliae</i>	pugnose minnow	11B	1479	1	50	1
<i>Opsopoeodus emiliae</i>	pugnose minnow	11B	1479	1	47	0.7
<i>Opsopoeodus emiliae</i>	pugnose minnow	11B	1479	1	50	0.8
<i>Opsopoeodus emiliae</i>	pugnose minnow	11B	1479	1	48	0.6
<i>Opsopoeodus emiliae</i>	pugnose minnow	11B	1479	1	50	0.8
<i>Opsopoeodus emiliae</i>	pugnose minnow	11B	1479	1	48	0.8
<i>Notropis winchelli</i>	clear chub	11B	1479	1	60	1.6
<i>Notropis winchelli</i>	clear chub	11B	1479	1	59	1.6
<i>Notropis winchelli</i>	clear chub	11B	1479	1	55	1.2
<i>Notropis texanus</i>	weed shiner	11B	1479	1	35	0.3
<i>Opsopoeodus emiliae</i>	pugnose minnow	11B	1479	7		6.1
<i>Notropis euryzonus</i>	broadstripe shiner	11B	1479	1	32	0.3
<i>Notropis euryzonus</i>	broadstripe shiner	11B	1479	1	25	0.1