GUNNING

MONSANTO COMPANY, FOURTH QUARTERLY TRIP, First Year of Survey

September 14-16, 1971

Part I--Fishes for Residue Analysis; Turned over to Monsanto Company,

September 16, 1971.

Royal D. Suttkus, Ph.D.

Gerald E. Gunning, Ph.D.

Biological Consultants

New Orleans, Louisiana

Shoal Creek, Tributary to Choccolocco Creek, 2.3 miles east of White Plains, RCC 71-426 September 14, 1971

Hypentelium etowanum	Alabama hogsucker	9
Moxostoma duquesnei	Black redhorse	5
Campostoma anomalum	Stoneroller	4
Notropis caeruleus	Blue shiner	1
Notropis lirus	Mountain shiner	12
Notropis leucifrons	Burrhead shiner	5
Notropis trichroistius	Tricolor shiner	17
Notropis venustus	Blacktail shiner	21
Phenacobius catostomus	Riffle minnow	1
Lepomis megalotis	Longear sunfish	10
Micropterus punctulatus	Spotted bass	1
Cottus carolinae	Banded sculpin	4
Etheostoma stigmaeum	Speckled darter	6
Percina nigrofasciata	Blackbanded darter	2
Crayfish		2
Hellgrammites		4
	Total Specimens	104

MONS 044303

Choccolocco Creek at Highway 9, 1 mile south of White Plains, Fish Station 3, RCC 71-427 September 14, 1971

Hypentelium etowanum	Alabama hogsucker	2
Campostoma anomalum	Stoneroller	2
Notropis lirus	Mountain shiner	6
Notropis trichroistius	Tricolor shiner	21
Notropis venustus	Blacktail shiner	8
Notropis chrosomus	Rainbow shiner	1
Notropis stilbius	Silverstripe shiner	2
Notropis callistius	Alabama shiner	2
Lepomis macrochirus	Bluegill	3
Lepomis megalotis	Longear sunfish	5
Cottus carolinae	Banded sculpin	3
Crayfish		2
Turtle, Sternotherus		1
	Total Specimens	58

Choccolocco Creek, Fish Station 7, Martha H. Williams Bridge, Highway 95, RDS 5001 September 14, 1971

Dorosoma cepedianum	Gizzard shad	1
Notemigonus crysoleucas	Golden shiner	37
Notropis venustus	Blacktail shiner	12
Carassius auratus	Goldfish	3
Gambusia affinis	Mosquitofish	6
Chaenobryttus gulosus	Warmouth	2
Lepomis cyanellus	Green sunfish	27
Micropterus salmoides	Largemouth bass	1
Pomoxis nigromaculatus	Black crappie	4
Belostomatidae, Hemiptera, Insecta		1
Dragonfly larvae		1
Ranatra, Hemiptera, Insecta		1
Crayfish		11
Snails		38
Bullfrog		1

MONS 044304

Choccolocco Creek, Fish Station 8, 3 miles south of I-20, Highway 93, RDS 5080 September 14, 1971

Hypentelium etowanum (label reads nigricans)		14
Notropis xanthustus	Blacktail shiner	9
Campostoma anomalum	Stoneroller	15
Notemigonus crysoleucas	Golden shiner	15
Lepomis cyanellus	Green sunfish	7
Lepomis megalotis	Longear sunfish	5
Lepomis macrochirus	Bluegill	9
Micropterus coosae	Redeye bass	2
Pomoxis nigromaculatus	Black crappie	3
Gambusia affinis	Mosquitofish	2
Cottus carolinae	Banded sculpin	3
Aquatic earthworm		1
Dragonfly larvae		5
Crayfish		12
Snails		92
Belostomatidae (Hemiptera) Insecta		1
Bullfrog		1
	Total Specimens	196

Choccolocco Creek, Fish Station 10, Highway 77 Bridge, RCC 71-428 September 15, 1971

Dorosoma cepedianum	Gizzard shad	6
Dorosoma petenense	Threadfin shad	1
Gambusia affinis	Mosquitofish	3
Notemigonus crysoleucas	Golden shiner	2
Lepomis cyanellus	Green sunfish	3
Lepomis macrochirus	Bluegill	18
Lepomis megalotis	Longear sunfish	22
Lepomis microlophus	Redear sunfish	2
Micropterus salmoides	Largemouth bass	4

MONS 044305

Chesha Creek, Tributary to Choccolocco Creek, 3.6 miles south of Interstate 20, Highway 93, RDS 5079 September 14, 1971

Hypentelium etowanum	Alabama hogsucker	7
Campostoma anomalum	Stoneroller	15
Notropis trichroistius	Tricolor shiner	5
Fundulus olivaceus	Blackspotted topminnow	1
Lepomis cyanellus	Green sunfish	9
Lepomis macrochirus	Bluegill	2
Lepomis megalotis	Longear sunfish	3
Micropterus coosae	Redeye bass	1
Cottus carolinae	Banded sculpin	13
Turtle, Sternotherus		1
Hellgrammites		17
Dragonfly larva		1
Crayfish		7
Fingernail clams		10
Snails		6
	Total Specimens	98

Cheaha Creek, County Highway 105, at McElderry. September 15, 1971 RDS 5083
*Note. This station, located upstream from the Cheaha Creek Station used throughout this first year of the study, was sampled for the first time today.

Hypentelium etowanum (1 lg. & 3 sm.)	Alabama hogsucker	4
Minytrema melanops (large ad.)	Spotted sucker	1
Moxostoma duquesnei (1 lg. & 7 sm.)	Black redhorse	8
Campostoma anomalum (mostly juveniles)	Stoneroller	34
Notropis callistius (lg. ad.)	Alabama shiner	10
Notropis asperifrons (ad.)	Burrhead shiner	2
Notropis trichroistius (juv. & ad.)	Tricolor shiner	58
Notropis venustus	Blacktail shiner	27
Fundulus stellifer	Southern studfish	2
Fundulus olivaceus	Blackspotted topminnow	1
Lepomis megalotis	Longear sunfish	6
Lepomis microlophus	Redear sunfish	1
Micropterus coosae	Redeye bass	1
Percina caprodes	Logperch	2
Percina nigrofasciata (juv. & ad.)	Blackbanded darter	5
Etheostoma stigmaeum	Speckled darter	2
Hellgrammites		2
Dragonfly larvae		4
	Total Specimens	170

Cane Creek, Tributary to Coosa River, 8.6 miles north of Lincoln, RDS 5085
September 15, 1971

Dorosoma cepedianum	Gizzard shad	3
Hypentelium etowanum (2 lg. & 1 sm.)	Alabama hogsucker	3
Campostoma anomalum	Stoneroller	27
Ictalurus punctatus	Channel catfish	1
Lepomis macrochirus	Bluegill	5
Lepomis megalotis	Longear sunfish	1
Micropterus punctulatus	Spotted bass	1
Micropterus salmoides (lg. & med.)	Largemouth bass	2
Pomoxis nigromaculatus (lg. & sm.)	Black crappie	2
Percina nigrofasciata	Blackbanded darter	3
Turtle		1
Crayfish		1
Clams, Corbicula leana		2
	Total Specimens	52

Aker Creek, Tributary to Coosa River, 6.6 miles North of Lincoln, RDS 5036
September 15, 1971

Dorosoma cepedianum	Gizzard shad	6
Moxostoma duquesnei (juv.)	Black redhorse	1
Hypentelium etowanum (juv.)	Alabama hogsucker	1
Cyprinus carpio	Carp	2
Notropis venustus	Blacktail shiner	12
Campostoma anomalum	Stoneroller	6
Lepomis cyanellus	Green sunfish	5
Lepomis macrochirus	Bluegill	2
Lepomis megalotis	Longear sunfish	15
Micropterus coosae	Redeye bass	1
Percina carbonaria	Logperch	2
Percina nigrofasciata	Blackbanded darter	5
Cottus carolinae	Banded sculpin	2
Dragonfly nymphs, Insecta		1
	Total Specimens	61

Coosa River at Stemley Bridge (Logan Martin Reservoir), Highway 34, RCC 71-429
September 15, 1971

Dorosoma cepedianum	Gizzard shad	1
Lepomis macrochirus	Bluegill	6
Lepomis megalotis	Longear sunfish	13
Micropterus punctulatus	Spotted bass	7
Micropterus salmoides	Largemouth bass	4
	Total specimens	31

Clear Creek, Tributary to Coosa River (Logan Martin Reservoir), Highway 42,
RCC 71-430 September 15, 1971

Dorosoma petenense	Threadfin shad	2
Pimephales vigilax	Bullhead minnow	1
Lepomis cyanellus	Green sunfish	3
Lepomis humilis	Orangespotted sunfish	3
Lepomis macrochirus	Bluegill	27
Lepomis megalotis	Longear sunfish	13
Micropterus punctulatus	Spotted bass	9
Micropterus salmoides	Largemouth bass	29
Notropis venustus	Blacktail shiner	17
Percina caprodes	Logperch	2
Crayfish		2
	Total specimens	108

Summary of total animals collected, Part I, Fourth Quarterly Report

104
58
146
196
62
98
170
52
61
31
108
1,086 Grand Total for Survey--Year 1--Fourth Quarterly Trip