

**Ichthyology Collection Notebook**  
**May 16, 2002**  
**Kate Allen**

**Dr. James R. Triplett**

**Collectors on Southern Missouri Trip:** Barbara Agnes, Kate Allen, Brandon Dunham, Lynsey Earl, Christopher Eichman, Ryan Good, Brett Greenwood, Ronald Kegerries, Jamie Precht, Glenn Selby, Christopher Tucker.

total # ? 47?

## I. Phylogenetic Listing

### Order Cypriniformes

#### Family Cyprinidae

*Luxilus zonatus*- Bleeding Shiner  
*Cyprinella glactura*- Whitetail Shiner  
*Campostoma anomalum*- Central Stoneroller  
*Hybopsis amblops*- Bigeye Chub  
*Luxilus chrysocephalus*- Striped Shiner  
*Notropis atherinoides*- Emerald Shiner  
*Nocomis biguttatus*- Hornyhead Chub  
*Notropis texanus*- Weed Shiner  
*Notropis nubilis*- Ozark Minnow  
*Notropis boops*- Bigeye Shiner  
*Notropis telescopis*- Telescope Shiner  
*Notropis pilsbryi*- Duskystripe Shiner  
*Semotilus atromaculatus*- Creek Chub  
*Pimephales notalus*- Bluntnose Minnow  
*Notropis rubellus*- Rosyface Shiner  
*Luxilus cardinalis*- Cardinal Shiner  
*Nocomis asper*- Redspot Chub  
*Phoxinus erythrogaster*- Southern Redbelly Dace  
*Carassius auratus*- Goldfish

S. mo. Trip → Where located?  
Bucket?

#### Family Catostomidae

*Moxostoma duquesnei*- Black Redhorse  
*Hyentelium nigricans*- Northern Hogsucker

### Order Siluriformes

#### Family Ictaluridae

*Noturus albater*- Ozark Madtom  
*Ictalurus punctatus*- Channel Catfish

### Order Salmoniformes

#### Family Esocidae

*Esox americanus*- Grass Pickerel

### Order Atheriniformes

#### Family Fundulidae

*Fundulus notatus*- Blackstripe Topminnow  
*Fundulus catenatus*- Northern Studfish

**Family Poeciliidae**

*Gambusia affinis*- Mosquito Fish

**Family Atherinidae**

*Labidesthes sicculus*- Brooksilverside

**Order Scorpaeniformes**

**Family Cottidae**

*Cottus carolinae*- Banded Sculpin

*Cottus bairdi*- Mottled Sculpin

**Order Perciformes**

**Family Centrachidae**

*Lepomis megalotis*- Longear Sunfish

Hybrid Longear Sunfish

*Lepomis macrochirus*- Bluegill

*Micropterus dolomieu*- Smallmouth Bass

*Ambloplites rupestris*- Rock Bass

*Pomoxis annularis*- White Crappie

*Lepomis microlophus*- Redear Sunfish

*Lepomis cyanellus*- Green Sunfish

**Family Percidae**

*Etheostoma spectabile*- Orangethroat Darter

*Etheostoma caeruleum*- Rainbow Darter

*Etheostoma Punctulatum*- Stippled Darter

*Etheostoma zonale*- Banded Darter

*Etheostoma gracile*- Slough Darter

*Etheostoma blennioides* Greenside Darter

*Etheostoma flabellare*- Fantail Darter

*Percina caproades*- Logperch

*Etheostoma microperca*- Least Darter

*Etheostoma cragini*- Arkansas Darter

II. Listing By Locations

*Amberine 182*

Bleeding Shiner- Black, Current.

Whitetail Shiner- Black, Current.

Central Stoneroller- Black, White, James.

Black Redhorse- Black.

Bigeye Chub- Black.

Stippled Shiner- Black, James, Current.

Emerald Shiner- Black, Current

Ozark Madtom- Black, James.

Grass Pickeral- Black.

Blackstripe Topminnow- Black, James.

Mosquito Fish- Black, James, White, Center, Current.

Brooksilverside- Black, James, Current.

Northern Studfish- Black, Current, White.

Banded Sculpin- Black, Current, White.

Longear Sunfish- Black, Center.

Bluegill- Black, Center, Current, White.

Orangethroat Darter- Black, James, Center, Current, White.

Rainbow Darter- Black, James.

Hornyhead Chub- Current.

Weed Shinner- Current.

Ozark Minnow- Current.

Bigeye Shiner- Current.  
Telescope Shinner- Current, James.  
Mottled Sculpin- Current, White.  
Smallmouth Bass- Current.  
Cardinal Shiner- Center.  
Redspot Chub- Center.  
Southern Redbelly Dace- Center.  
Bluntnose Minnow- White, Center.  
Creek Chub- Current, White.  
Northern Hogsucker- Center.  
Greenside Darter- Center.  
Fantail Darter- Center.  
Stippled Darter- Center, James.  
Logperch- Center, James.  
Rosyface Shiner- James.  
Dusky Stripped Shiner- White, James.  
Rock Bass- White, James.  
White Crappie- James.  
Banded Darter- James.  
Slough Darter- James.  
Arkansas Darter- Center.  
Least Darter- Center.  
Channel Catfish- Farlington Lake.

Redear Sunfish- Farlington Lake.

Green Sunfish- Farlington Lake.

Goldfish- Farlington Lake.

### III. Collections By Individual Sites.

**Black River  
Northwest Quarter  
Sec 27 T28N R3E  
Wayne County**

Bleeding Shiner 5  
Whitetail Shiner 7  
Central Stoneroller 12  
Black Redhorse 1  
Bigeye Chub 2  
Striped Shiner 6  
Emerald Shiner 2  
Ozark Madtom 1  
Grass Pickeral 5  
Blackstripe Topminnow 4  
Mosquito Fish 1  
Brook Silverside 22  
Northern Studfish 1  
Banded Sculpin 7  
Longear Sunfish 1  
Hybrid Longear Sunfish 1  
Blugill 5  
Orangethroat Darter 6  
Rainbow Darter 6

**Collectors: Southern Missouri Trip 2002  
Location: Bucket #1**

**Current River  
Southwest Quarter  
Sec24 T27N R1W  
Carter County**

Bleeding Shiner 11  
Whitetail Shiner 1  
Hornyhead Chub 5  
Weed Shiner 3  
Ozark Minnow 12  
Emerald Shiner 8  
Bigeye Shiner 5  
Telescope Shiner 8  
Striped Shiner 2

Brook Silverside 1  
Northern Studfish 5  
Mosquito Fish 4  
Mottled Sculpin 1  
Banded Sculpin 2  
Smallmouth Bass 1  
Bluegill 4  
Orangethroat Darter 8

**Collectors: Southern Missouri Trip 2002**  
**Location: Bucket #2**

**White River (North Fork)**  
**Southwest Quarter**  
**Sec7 T27N R11W**  
**Douglass County**

Duskystripe Shiner 1  
Creek Chub 9  
Bluntnose Minnow 13  
Central Stoneroller  
Banded Sculpin 2  
Mottled Sculpin 5  
Mosquito Fish 2  
Northern Studfish 4  
Rock Bass 13  
Orangethroat Darter 1  
Bluegill 1

**Collectors: Southern Missouri Trip 2002**  
**Location: Bucket #1**

**James River**  
**Southwest Quarter**  
**Sec6 T24N R23W**  
**Stone County**

Telescope Shiner 1  
Rosyface Shiner 1  
Central Stoneroller 9  
Striped Shiner 4  
Duskystripe Shiner 14  
Ozark Madtom 1

Blackstripe Topminnow 7  
Mosquito Fish 1  
Brook Silverside 6  
Rock Bass 2  
White Crappie 4  
Logperch 1  
Stippled Darter 2  
Banded Darter 1  
Rainbow Darter 4  
Orangethroat Darter 11  
Slough Darter 7

**Collectors: Southern Missouri Trip 2002**  
**Location: Bucket #2**

**Center Creek**  
**Southeast Quarter**  
**Sec5 T27N R29W**  
**Jasper County**

Cardinal Shiner 7  
Redspot Chub 2  
Southern Redbelly Dace 4  
Bluntnose Minnow 3  
Creek Chub 5  
Nothern Hogsucker 1  
Mosquito Fish 1  
Bluegill 1  
Longear Sunfish 1  
Greenside Darter 1  
Fantail Darter 1  
Stippled Darter 1  
Stippled Darter 1  
Orangethroat Darter 3  
Least Darter 1 (Released unharmed)  
Arkansas Darter 1 (Released unharmed)

**Collectors: Southern Missouri Trip 2002**  
**Location: Bucket #1**

**Farlington Lake  
Southeast Quarter  
Sec5 T28S R 24E  
Crawford County**

|                 |   |
|-----------------|---|
| Bluegill        | 1 |
| Channel Catfish | 1 |
| Redear Sunfish  | 1 |
| Green Sunfish   | 1 |
| Goldfish        | 1 |

**Collector: Kate Allen  
Location: Personal Collection Bucket**

#### IV. Species By State

##### Missouri

|                               |           |
|-------------------------------|-----------|
| <u>Bleeding Shiner</u>        | <u>16</u> |
| <u>Whitetail Shiner</u>       | <u>8</u>  |
| <u>Central Stoneroller</u>    | <u>28</u> |
| <u>Black Redhorse</u>         | <u>1</u>  |
| <u>Bigeye Chub</u>            | <u>2</u>  |
| <u>Striped Shiner</u>         | <u>10</u> |
| <u>Emerald Shiner</u>         | <u>10</u> |
| <u>Ozark Madtom</u>           | <u>2</u>  |
| <u>Grass Pickeral</u>         | <u>5</u>  |
| <u>Blackstripe Topminnow</u>  | <u>11</u> |
| <u>Mosquito Fish</u>          | <u>9</u>  |
| <u>Brook Silverside</u>       | <u>29</u> |
| <u>Northern Studfish</u>      | <u>10</u> |
| <u>Banded Sculpin</u>         | <u>11</u> |
| <u>Lonear Sinfish</u>         | <u>2</u>  |
| <u>Hybrid Longear Sunfish</u> | <u>1</u>  |
| <u>Bluegill</u>               | <u>11</u> |
| <u>Orangethroat Darter</u>    | <u>34</u> |
| <u>Rainbow Darter</u>         | <u>10</u> |
| <u>Hornyhead Chub</u>         | <u>5</u>  |
| <u>Weed Shiner</u>            | <u>3</u>  |
| <u>Ozark Minnow</u>           | <u>12</u> |
| <u>Bigeye Shiner</u>          | <u>5</u>  |
| <u>Telescope Shiner</u>       | <u>9</u>  |
| <u>Mottled Sculpin</u>        | <u>6</u>  |
| <u>Smallmouth Bass</u>        | <u>1</u>  |
| <u>Cardinal Shiner</u>        | <u>7</u>  |
| <u>Redspot Chub</u>           | <u>2</u>  |
| <u>Southern Redbelly Dcae</u> | <u>4</u>  |
| <u>Bluntnose Minnow</u>       | <u>16</u> |
| <u>Creek Chub</u>             | <u>14</u> |
| <u>Northern Hogsucker</u>     | <u>1</u>  |
| <u>Greenside Darter</u>       | <u>1</u>  |
| <u>Fantail Darter</u>         | <u>1</u>  |
| <u>Stippled Darter</u>        | <u>1</u>  |
| <u>Logperch</u>               | <u>4</u>  |
| <u>Rosyface Shiner</u>        | <u>1</u>  |
| <u>Duskystripe Shiner</u>     | <u>15</u> |
| <u>Rock Bass</u>              | <u>15</u> |
| <u>White Crappie</u>          | <u>4</u>  |
| <u>Banded Darter</u>          | <u>1</u>  |
| <u>Slough Darter</u>          | <u>1</u>  |

|                        |          |
|------------------------|----------|
| <u>Least Darter</u>    | <u>1</u> |
| <u>Arkansas Darter</u> | <u>1</u> |

**Kansas**

|                        |          |
|------------------------|----------|
| <u>Channel Catfish</u> | <u>1</u> |
| <u>Bluegill</u>        | <u>1</u> |
| <u>Goldfish</u>        | <u>1</u> |
| <u>Green Sunfish</u>   | <u>1</u> |
| <u>Redear Sunfish</u>  | <u>1</u> |

## V. Personal Collection

| <u>Species</u>        | <u>Scientific Name</u>       | <u>Collection Site</u> |
|-----------------------|------------------------------|------------------------|
| Bluegill              | <i>Lepomis megalotis</i>     | Farlington Lake        |
| Channel Catfish       | <i>Ictalurus punctatus</i>   | Farlington Lake        |
| Redear Sunfish        | <i>Lepomis microlophus</i>   | Farlington Lake        |
| Green Sunfish         | <i>Lepomis cyanellus</i>     | Farlington Lake        |
| Goldfish              | <i>Carassius auratus</i>     | Farlington Lake        |
| Rock Bass             | <i>Ambloplites rupestris</i> | James River            |
| Central Stoneroller   | <i>Camppostoma anomalum</i>  | White River            |
| Bleeding Shiner       | <i>Luxilus cardinalis</i>    | Black River            |
| Banded Sculpin        | <i>Cottus carolinae</i>      | Black River            |
| Blackstripe Topmonnow | <i>Fundulus notatus</i>      | Black River            |