



1992
Jason Deal

NEAT SHEET™ perforated sheets

1992-
Jason Deal

wireless
NEATBOOK®

80 sheets/college ruled
10½x8in/26.7x20.3cm

1 subject notebook



Jason Deal

Format

1. Phylogenetic listing OK
2. Chronological listing ~~OK~~ no
3. state list ~~OK~~ no
4. specimen location list OK

these ~~two~~ things need to be included

- did not list Lismal fish or North fork fish
- also not listed in state list
- tags correct

77 specimens
- 0
77 correct specimens

ICHTHYOLOGY CATALOG

Ichthyology 533
Dr. Jim Triplett

Field Notebook

by
Jason Deal

Phylogenetic Listing

- Order: Rajiformes

Family: Rajidae

Raja eglanteria

- Order: Clupeiformes

Family: Clupeidae

Alosa alabamiae

Brevoortia gunteri

Brevoortia patronus

Dorosoma cepedianum

Family: Engraulidae

Anchoa mitchilli

- Order: Anguilliformes

Family: Ophichthidae

Ophichthus gomesi

- Order: Cypriniformes

Family: Cyprinidae

Pimephales notatus

Notropis lutrensis

Notropis umbratilis

Family: Catostomidae

Minytrema melanops

Ictiobus bubalus

- Order: Siluriformes

Family: Ictaluridae

Ictalurus punctatus

Family: Ariidae

Arius felis

Bagre marinus

- Order: Gymnotiformes
 - Family: Gymnotidae
 - Gymnothorax ocellatus
- Order: Aulopiformes
 - Family: Synodontidae
 - Synodus foetens
- Order: Gadiformes
 - Family: Gadidae
 - Urophycis regius
 - Urophycis floridanus
- Order: Ophidiiformes
 - Family: Ophidiidae
 - Ophidion welschi
- Order: Batrachoidiformes
 - Family: Batrachoididae
 - Porichthys porosissimus
- Order: Lophiiformes
 - Family: Ogocephalidae
 - Ogocephalus radiatus
- Order: Gobiessociformes
 - Family: Gobiessocidae
 - Gobiesox strumosus

- Order: Cyprinodontiformes

Family: Cyprinodontidae

Fundulus pulvereus

Fundulus similis

Fundulus grandis

Fundulus olivaceus

Adinia xenica

Cyprinodon variegatus

Family: Poeciliidae

Poecilia latipinna

Gambusia affinis

- Order: Atheriniformes

Family: Atherinidae

Menidia beryllina

Labidesthes sicculus

- Order: Gasterosteiformes

Family: Syngnathidae

Hippocampus erectus

- Order: Scorpaeniformes

Family: Triglidae

Prionotus stearnsi

Prionotus tribulus

- Order: Perciformes

Family: Serranidae

Diplectrum formosum

Diplectrum bivittatum

cont.

Serraniculus pumilio

Family: Lutjanidae

Lutjanus synagris

Family: Sparidae

Lagodon rhomboides

Anchosargus probatocephalus

Family: Mugilidae

Mugil curema

Mugil cephalus

Family: Percidae

Etheostoma zonale

Etheostoma spectabile

Percina caprodes

Family: Sciaenidae

Sciaenops ocellata

Menticirrhus littoralis

Menticirrhus americanus

Bairdiella chrysura

Leiostomus xanthurus

Micropogon undulatus

Family: Centrarchidae

Lepomis microlophus

Lepomis macrochirus

Lepomis gulosus

Lepomis cyanellus

Micropterus salmoides

Pomoxis annularis

Family: Gobiidae

Gobionellus hastatus

Gobionellus bolesoma

Gobiosoma bosci

Dormitator maculatus

- Eretelis smaragdus

Family: Trichiuridae

Trichiurus lepturus

Family: Blennidae

Hypsoblennius hentzi

Family: Stromateidae

Peprilus burti

- Order: Pleuronectiformes

Family: Bothidae

Ancylopsetta quadrocellata

Paralichthys lethostigma

Etropus crossotus

Citharichthys mae

Family: Soleidae

Achirus lineatus

Trinectes maculatus

- Order: Tetraodontiformes

Family: Tetraodontidae

Sphoeroides parvus

Sphoeroides nephelus

6

Trip 1

3 / 12 / 1992

Mobile Bay

Dauphin Island, Alabama

Habitat: Saltwater bay

Species collected;

<u>Raja eglanteria</u> (Cleannose skate) -	1
<u>Gymnothorax ocellatus</u> (Ocellated moray) -	3
<u>Ophichthus gomesi</u> (shrimp eel) -	8
<u>Alosa alabamae</u> (Alabama shad) -	1
<u>Brevoortia gunteri</u> (Finescale menhaden) -	8
<u>Anchoa mitchilli</u> (Bay anchovy) -	41
<u>Synodus foetens</u> (Inshore lizardfish) -	2
<u>Arius felis</u> (Hardhead catfish) -	6
<u>Bagre marinus</u> (Gafftopsail catfish) -	1
<u>Parichthys porosissimus</u> (Atlantic midshipman) -	1
<u>Gobiesox strumosus</u> (Skilletfish) -	10
<u>Ogcocephalus radiatus</u> (Polka-dot batfish) -	2
<u>Urophycis regius</u> (Spotted hake) -	5
<u>Urophycis floridanus</u> (Southern hake) -	12
<u>Ophidion welschi</u> (Crested cusk-eel) -	13
<u>Hippocampus erectus</u> (Lined seahorse) -	4
<u>Diplectrum formosum</u> (Sand perch) -	14
<u>Diplectrum bivittatum</u> (Dwarf sand perch) -	3
<u>Serraniculus pumilio</u> (Pygmy sea bass) -	15
<u>Lutjanus synagris</u> (Lane snapper) -	1
<u>Lagodon rhomboides</u> (Pinfish) -	2
<u>Archosargus probatocephalus</u> (Sheepshead) -	1
<u>Menticirrhus americanus</u> (Southern kingfish) -	10
<u>Micropogon undulatus</u> (Atlantic croaker) -	11

<u>Leiostomus xanthurus</u> (Spot) -	5
<u>Chaetodipterus faber</u> (Spadefish) -	9
<u>Hypsoblennius hentzi</u> (Feather blenny) -	8
<u>Erotilis smaragdus</u> (Emerald sleeper) -	3
<u>Gobionellus hastatus</u> (Sharptail goby) -	1
<u>Trichiurus lepturus</u> (Atlantic cutlass fish) -	13
<u>Peprilus burti</u> (Gulf butterfish) -	18
<u>Prionotus stearnsi</u> (Shortwing sea robin) -	9
<u>Prionotus tribulus</u> (Bighead sea robin) -	19
<u>Ancylopsetta quadricellata</u> (Coelated flounder) -	2
<u>Paralichthys lethostigma</u> (Southern flounder) -	1
<u>Etropus crossotus</u> (Fringed flounder) -	4
<u>Citharichthys macrops</u> (Spotted whiff) -	2
<u>Achirus lineatus</u> (Lined sole) -	2
<u>Trineectes maculatus</u> (Hogchoker) -	8
<u>Symphurus plagiusa</u> (Blackcheek tongue fish) -	11
<u>Sphoeroides parvus</u> (Least puffer) -	1

Collectors: Members of the Spring Break Trip.
(listed at end of catalog)

Trip 2

3 / 13 / 1992

Roadside ditches,
halfway between Jct. Hwy.
193 and Sea Lab, Dauphin
Island, Alabama.

Habitat: Drainage ditches

Species collected;

<u>Fundulus pulvereus</u> (Bayou killifish) -	9
<u>Adinia xenica</u> (Diamond killifish) -	2
<u>Poecilia latipinna</u> (Sailfin molly) -	6
<u>Gambusia affinis</u> (Mosquitofish) -	32
<u>Dormitator maculatus</u> (Fat sleeper) -	6

Collectors: Members of the Spring Break Trip
(Listed at end of catalog)

Trip 3

3/14/1992

Shoreline on East
and West ends of

Dauphin Island, Alabama.

Habitat: Shoreline of saltwater bay

Species collected;

<u>Peprilus burti</u> (Gulf butterfish) -	9
<u>Menidia beryllina</u> (Tidewater silverside) -	63
<u>Anchoa mitchilli</u> (Bay anchovy) -	9
<u>Sphoeroides nephelus</u> (Southern puffer) -	1
<u>Bairdella chrysura</u> (Silver perch) -	1
<u>Menticirrhus americanus</u> (Southern kingfish) -	2
<u>Cyprinodon variegatus</u> (Sheepshead minnow) -	24
<u>Gobiosoma boscii</u> (Naked goby) -	3
<u>Fundulus similis</u> (Longnose killifish) -	19
<u>Gobiesox stenorhynchus</u> (Skilletfish) -	1
<u>Gobionellus boleosoma</u> (Darter goby) -	7
<u>Mugil curema</u> (White mullet) -	29
<u>Agonostomus monticola</u> (Mountain mullet) -	5
<u>Lagodon rhomboides</u> (Pintfish) -	7
<u>Leiostomus xanthurus</u> (Spot) -	42
<u>Brevoortia patronus</u> (Gulf menhaden) -	23
<u>Menticirrhus littoralis</u> (Gulf kingfish) -	2
<u>Sciaenops ocellata</u> (Red Drum) -	2
<u>Paralichthys lethostigma</u> (Southern flounder) -	1
<u>Achirus lineatus</u> (Lined sole) -	1
<u>Symphurus plagiuse</u> (Blackcheck tonguefish) -	4
<u>Fundulus grandis</u> (Gulf killifish) -	1

cont.

Mugil cephalus (Striped mullet) -

1

Collectors: Members of the Spring Break Trip
(Listed at end of catalog)

11

Trip 4

4/11/1992

Cow Creek

11 mi. South of Pittsburg

Hwy 69 - 3 mi. East

T32S, R25E, S27

Cherokee County, Ks.

Habitat: Creek

Species collected;

Etheostoma zonale (Banded darter) - 2

Etheostoma spectabile (Orangethroat darter) - 4

Percina caprodes (Logperch) - 3

Labidesthes sicculus (Brook silversides) - 6

Lepomis microlophus (Redear sunfish) - 2

Pimephales notatus (Bluntnose minnow) - 5

Notropis lutrensis (Red shiner) - 2

Notropis umbratilis (Redfin shiner) - 1

Fundulus olivaceus (Blackspotted topminnow) - 1

Collectors: Jason Deal, Scott Deal, Darrin Stowell

Trip 5

4 / 28 / 1992

Empire Lake

1 mi. S.E. of Riverton

T34S, R25E, S20

Cherokee County, Ks.

Habitat: Lake

Species collected;

<u>Moxostoma</u> <u>duquesnei</u> (Black redhorse) -	1
<u>Minytrema</u> <u>melanops</u> (Spotted sucker) -	1
<u>Ictiobus</u> <u>bubalus</u> (Smallmouth buffalo) -	1
<u>Lepisosteus</u> <u>osseus</u> (Longnose gar) -	1
<u>Lepomis</u> <u>gulosus</u> (Warmouth) -	1
<u>Lepomis</u> <u>macrochirus</u> (Bluegill) -	1
<u>Pomoxis</u> <u>annularis</u> (White crappie) -	1
<u>Ictalurus</u> <u>punctatus</u> (Channel catfish) -	1
<u>Dorosoma</u> <u>cepedianum</u> (Gizzard shad) -	1

Collectors: Todd Campbell, Ben Mense, Jason Deal

Trip 6

5/2/1992

Farm pond, 7 mi. South
of Toronto.

T275 R14E 55

Wilson County, Ks.

Habitat: 10 acre pond

Species collected;

Pomoxis annularis (White crappie) - 1Lepomis cyanellus (Green sunfish) - 1Micropterus salmoides (Largemouth bass) - 1

Collector: Jason Deal

-Total of Alabama Specimens-

1. Clearnose skate -	1
2. Ocellated moray -	3
3. Shrimp eel -	8
4. Alabama shad -	1
5. Finescale menhaden -	8
6. Bay anchovy -	50
7. Inshore lizardfish -	2
8. Hardhead catfish -	6
9. Gafftopsail catfish -	1
10. Atlantic midshipmen -	1
11. Skilletfish -	11
12. Polka-dot batfish -	2
13. Spotted hake -	5
14. Southern hake -	12
15. Crested cusk-eel -	13
16. Lined seahorse -	4
17. Sand perch -	14
18. Dwarf sand perch -	3
19. Pygmy sea bass -	15
20. Lane snapper -	1
21. Pinfish -	9
22. Sheepshead -	1
23. Southern kingfish -	12
24. Atlantic croaker -	11
25. Spot -	47
26. Spadefish -	9
27. Feather blenny -	8
28. Emerald sleeper -	3

cont.

29. Sharptail goby -	1
30. Atlantic cutlassfish -	13
31. Gulf butterfish -	27
32. Shortwing sea robin -	9
33. Bighead sea robin -	19
34. Ocellated flounder -	2
35. Southern flounder -	2
36. Fringed flounder -	4
37. Spotted whiff -	2
38. Lined sole -	3
39. Hogchoker -	8
40. Blackcheek tonguefish -	15
41. Least puffer -	1
42. Bayou killifish -	9
43. Diamond killifish -	2
44. Sailfin molly -	6
45. Mosquitofish -	32
46. Fat sleeper -	6
47. Tidewater silverside -	63
48. Southern puffer -	1
49. Silver perch -	1
50. Sheepshead minnow -	24
51. Naked goby -	3
52. Longnose killifish -	19
53. Darter goby -	7
54. Mountain mullet -	5
55. White mullet -	29
56. Gulf menhaden -	23
57. Gulf kingfish -	2

cont.

- | | |
|----------------------|---|
| 58. Red drum - | 2 |
| 59. Gulf killifish - | 1 |
| 60. Striped mullet - | 1 |

- Total of Kansas Specimens -

1. Banded darter -	2
2. Orangethroat darter -	4
3. Logperch -	3
4. Brook silverside -	4
5. Redear sunfish -	2
6. Bluntnose minnow -	5
7. Red shiner -	2
8. Redfin shiner -	1
9. Blackspotted topminnow -	1
10. Black redhorse -	1
11. Spotted sucker -	1
12. Smallmouth buffalo -	1
13. Longnose gar -	1
14. Warmouth -	1
15. Bluegill -	1
16. White crappie -	2
17. Channel catfish -	1
18. Gizzard shad -	1
19. Green sunfish -	1
20. Largemouth bass -	1

Jan 1

Ophichthus gomesi
Brevoortia gunteri
Anehoa mitchilli
Arius felis
Gobiesox strumosus
Urophycis regius
Urophycis floridanus
Ophidion welschi
Diplectrum formosum
Serraniculus pumilio
Lagodon rhomboides
Menticirrhus americanus
Micropogon undulatus
Leiostomus xanthurus
Chaetodipterus faber
Hypsoblennius hentzi
Trichinurus lepturus
Peprilus burti
Prionotus stearnsi
Prionotus tribulus
Paralichthys lethostigma
Trinectes maculatus
Symphurus plagiata
Fundulus pulvereus
Poecilia latipinna
Gambusia affinis
Dormitator maculatus
Menidia beryllina

cont.

Cyprinodon variegatus

Gobiosoma boscii

Fundulus similis

Gobionellus boleosoma

Mugil curema

Brevortia patronus

Etheostoma zonale

Etheostoma spectabile

Percina caprodes

Labidesthes sicculus

Lepomis microlophus

Pimephales notatus

Notropis lutrensis

Notropis umbratilis

Fundulus olivaceus

Jan 2

Lepomis macrochirus

Lepomis gulosus

Pomoxis annularis

Ictalurus punctatus

Dorosoma cepedianum

Lepomis cyanellus

Micropterus salmoides

Located in Kathy Gifford's collection:

Sphaeramia orbiter

Least puffer

Mobile Bay, Alabama

12 March 1992 Spring Break Trip

Archinotus lineatus

Lined sole

Mobile Bay, Alabama

12 March 1992 Spring Break Trip

Etropus crossatus

Fringed flounder

Mobile Bay, Alabama

12 March 1992 Spring Break Trip

Areylosetta quadricellata

Ocellated flounder

Mobile Bay, Alabama

12 March 1992 Spring Break Trip

Gobionellus instans

Sharptail goby

Mobile Bay, Alabama

12 March 1992

Spring Break Trip

Enotelis smaragdus

Emerald sleeper

Mobile Bay, Alabama

12 March 1992 Spring Break Trip

Lutjanus synagris

Lane snapper

Mobile Bay, Alabama

12 March 1992 Spring Break Trip

Diploccetrus bivittatus

Dwarf sand perch

Mobile Bay, Alabama

12 March 1992

Spring Break Trip

Hippocampus erectus

Lined seahorse

Mobile Bay, Alabama

12 March 1992 Spring Break Trip

Ogcocephalus radiatus

Polka-dot batfish

Mobile Bay, Alabama

12 March 1992

Spring Break Trip

Cont.

Synodus foetens

Inshore lizardfish

Mobile Bay, Alabama

12 March 1992

Spring Break Trip

Parichthys porosissimus

Atlantic midshipman

Mobile Bay, Alabama

12 March 1992

Spring Break Trip

Gymnothorax ocellatus

Ocellated moray

Mobile Bay, Alabama

12 March 1992

Spring Break Trip

Alosa alabamae

Alabama shad

Mobile Bay, Alabama

12 March 1992

Spring Break Trip

Citharus macrurus

Spotted whiff

Mobile Bay, Alabama

12 March 1992 Spring Break Trip

Adinia xenica

Diamond Killifish

Dauphin Island, Alabama, 1/2 way
between Jet. Hwy. 193 and Sea Lab

13 March 1992

Spring Break Trip

Menticirrhus littoralis

Gulf kingfish

East end of Dauphin Island,
Mobile Bay, Alabama.

14 March 1992 Spring Break Trip

Bairdiella chrysura

Silver perch

West end of Dauphin Island,
Mobile Bay, Alabama

14 March 1992 Spring Break Trip

Mugil cephalus

Striped mullet

East End of Dauphin Island,
Mobile Bay, Alabama

14 March 1992 Spring Break Trip

Sciaenops ocellata

Red drum

East end of Dauphin Island,
Mobile Bay, Alabama

14 March 1992 Spring Break Trip

Located in Lewis Anderson's collection:

Fundulus grandis

Gulf killifish

East end of Dauphin Island,
Mobile Bay, Alabama

14 March 1992 Spring Break Trip

Bagre marinus

Gafftopsail catfish

Mobile Bay, Alabama

12 March 1992

Spring Break Trip

Located in Justin Lincoln's collection:

Sphaeroides nephelus

Southern puffer

West end of Dauphin Island,
Mobile Bay, Alabama

14 March 1992 Spring Break Trip

Located in Ben Mense's collection:

Ichthyobus bubalus

Smallmouth Buffalo

Empire Lake, 1 mi. S.E. of
Riverton, Cherokee Co., Ks.

T34S R25E S20

4-May-1992 Campbell, Deal, Mense

Minytrema melanops

Spotted Sucker

Empire Lake, 1 mi. S.E. of
Riverton, Cherokee Co., Ks.

T34S R25E S20

4-May-1992 Campbell, Deal, Mense

Located in the Biology Dept. collection:

Raja cglanteria

Clearnose skate

Mobile Bay, Alabama

12 March 1992

Spring Break Trip

Discarded due to improper preserving:

Archosargus probatocephalus

Sheepshead

Mobile Bay, Alabama

12 March 1992 Spring Break Trip



Members of the Spring Break Trip

Dr. Stephen Timme

Dr. Steven Ford

Dr. Jim Triplett

Ken Koon

Kathy Gifford

Todd Campbell

Mary Short

Bruce Robinson

Aida Fithri

George Thornton

Lewis Anderson

Susan Soper

Justin Lincoln

Rees Webber

Mark Olsen

Monica McCloud

Marcy Zahm

Jason Deal