

RIO GRANDE - BIG BEND RANCH SEGMENT

2/93

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Rio Grande 915

Linam, Chamberlain

<u>#</u>		<u>size</u>
127	Cyprinella lutrensis	12 - 40
2	Macrhybopsis aestivalis	18,22
1	Ictiobus bubalus	28
61	Gambusia affinis	14 - 25

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Alamito Creek

west fork @ 40m from bridge

D.M. Schleser 2-9-93

2	Astyanax mexicanus	49, 55
9	Cyprinodon eximius	43, 34-40, 21&25 juv.
68	Gambusia affinis	20-36 (10, 58)
2	Campostoma ornatum	22, 23
2	Fundulus zebrinus	39, 46
2	Notropis chihuahua	45, 46
3	Cyprinella lutrensis	39, 40, 45

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Terlingua Creek @ Terlingua

Edwards et al. 2/10/93

512	Fundulus zebrinus	17 - 61
1	Lepomis cyanellus	81
57	Notropis braytoni	15 - 52
131	Cyprinella lutrensis	24 - 49 (2 with odd mouths; hybrids?)
3	Campostoma ornatum	20, 22,23
97	Notropis chihuahua	13 - 42

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910.8 up Fresno Rapids  
Edwards et al. 2/9/93

6	Rhinichthys cataractae	47 - 61
2	Ictiobus bubalus	24-55
3	Cyprinella lutrensis	24,24,27
1	Notropis stramineus	44
1	Macrhybopsis aestivalis	16
1	Pimephales promelas	35

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upper Alamito Creek  
Edwards et al. 2/11/93

12	Lepomis cyanellus	76-155
214	Campostoma ornatum	26-69
165	Cyprinella lutrensis	21-45

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Presidio wier dam  
Follis et al. 2/9/93

2	Ictalurus furcatus	111, 130
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side pool at Topado Canyon  
GPG et al. 2/10/93

1	Rhinichthys cataractae	60
2	Notropis braytoni	16-23
8	Cyprinella lutrensis	14-38

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922. 921

Linam, Loveland

4	Cyprinella lutrensis	19-37
7	Notropis braytoni	19-26
1	Menidia beryllina	37
1	Ictiobus bubalus	45

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unlabeled

2	Moxostoma austrinum	132, 214
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one collection apparently had formalin left out, even the tag had disintegrated.

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920, 919

Lindsay, Loveland

4	Gambusia affinis	14, 16,17,30
150	Cyprinella lutrensis	12-39
10	Ictiobus bubalus	19-33
10	Notropis braytoni	15-22, 42

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Alamito Creek - East Fork 2/9/93

50 yds upstream from hwy. bridge D.M. Schleser

8	Cyprinodon eximius	14-20, 29 & 33
6	Gambusia affinis	23-28

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Weir dam - Presidio-riffles 2/9/93  
J. Dennis

4	<i>Gambusia affinis</i>	20-30 (1_, 3_)
1	<i>Rhinichthys cataractae</i>	60
1	<i>Notropis braytoni</i>	25
7	<i>Macrhybopsis aestivalis</i>	24-36
10	<i>Cyprinella lutrensis</i>	24-39
2	<i>Ictiobus bubalis</i>	35, 101
1	<i>Ictalurus lupus</i> (24 A.rays)	46

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921  
LInam, Loveland

1	<i>Notropis braytoni</i>	41
1	<i>Lepomis macrochirus</i>	27
1	<i>Menidia beryllina</i>	34
5	<i>Ictiobus bubalus</i>	28-39

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920  
Linam, Loveland

2	<i>Pylodictus olivaris</i>	47,48
1	<i>Cyprinella lutrensis</i>	37

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916

7	<i>Ictiobus bubalus</i>	16-46
10	<i>Macrhybopsis aestivalis</i>	22-28
246	<i>Cyprinella lutrensis</i>	15-42
4	<i>Gambusia affinis</i>	19-21
1	<i>Notropis jemezianus</i>	34
1	<i>Notropis braytoni</i>	22

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IBWC 2/11/93

GPG et al.

1	Ictalurus punctatus	86
12	Cyprinella lutrensis	15-39
1	Gambusia affinis	24
2	Notropis braytoni	30,39

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919A

Linam, Loveland

8	Macrhybopsis aestivalis	25-43
19	Cyprinella lutrensis	25-43

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Rio Grande 914

Linam, Chamberlain

371	Cyprinella lutrensis	17-49
2	Notropis braytoni	29,31
1	Macrhybopsis aestivalis	18
4	Gambusia affinis	17-21
14	Ictiobus bubalus	28-53
2	Pimephales promelas	23,38

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Rio Grande RM 909 Barbarosa

Edwards et al. 2/9/93

1	Menidia beryllina	37
9	Macrhybopsis aestivalis	25-37, 42
1	Notropis braytoni	38
178	Cyprinella lutrensis	13-47
9	Rhinichthys cataractae	46-56

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Colorado Canyon Camp  
GPG et al. 2/9/93

191	Cyprinella lutrensis	14-40
3	Gambusia affinis	19,21,23
1	Lepomis megalotis	102
2	Ictiobus bubalis	30,40

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Rio Grande RM 913.5 (island location)  
Edwards et al. 2/5/93

1	Menidia beryllina	35
2	Rhinichthys cataractae	63,68
7	Gambusia affinis	14-24
1	Macrhybopsis aestivalis	40
333	Cyprinella lutrensis	14, 22-46
1	Notropis stramineus	34
2	Notropis braytoni	29,33
10	Ictiobus bubalus	52-78
1	Ictalurus lupus (A=24)	79

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RM 926  
GPG et al. 2/9/93

1,964	Cyprinella lutrensis	17-44
38	Ictiobus bubalus	19-62
5	Notropis jemezianus	24,27,35,35,54
15	Menidia beryllina	33-46
3	Rhinichthys cataractae	49,52,54
2	Macrhybopsis aestivalis	26,43
1	Notropis chihuahua	34
11	Gambusia affinis	14-28
1	Lepomis macrochirus	34
9	Notropis braytoni	16-39
12	Notropis stramineus	15-33

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910.8 above Fresno Rapids  
Edwards et al. 2/9/93

82	Cyprinella lutrensis	19-36
8	Ictiobus bubalus	18-41
1	Astyanax mexicanus	29
8	Notropis braytoni	21-29

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Rio Grande 913  
Linam, Chamberlain

547	Cyprinella lutrensis	14-38
1	Gambusia affinis	19
2	Ictiobus bubalus	28,53

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RM 926.8  
GPG et al. 2/9/93

6	Rhinichthys cataractae	52-63
1	Menidia beryllina	40
1	Notropis chihuahua	25
39	Gambusia affinis	17-29
255	Cyprinella lutrensis	16-45
26	Ictiobus bubalus	18-59
3	Notropis braytoni	15,18,21
4	Notropis jemezianus	22,25,26,33
1	Pimephales promelas	30

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Lajitas imm. S of town around island  
2/10/93

6	<i>Menidia beryllina</i>	33-44
5	<i>Rhinichthys cataractae</i>	54-62
5	<i>Macrhybopsis aestivalis</i>	24-34
4	<i>Gambusia affinis</i>	21-27
1	<i>Pylodictis olivaris</i>	66
89	<i>Cyprinella lutrensis</i>	20-43
6	<i>Ictiobus bubalus</i>	29-84
1	<i>Campostoma ornatum</i>	20
2	<i>Notropis jemezianus</i>	41,41
1	<i>Notropis braytoni</i>	21
2	<i>Pimephales promelas</i>	24,35
3	<i>Notropis stramineus</i>	42,42,44

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Alamito Creek @ mouth  
Edwards et al. 2/11/93

546	<i>Gambusia affinis</i>	19-41
132	<i>Cyprinella lutrensis</i>	22-45
2	<i>Astyanax mexicanus</i>	24,31
35	<i>Campostoma ornatum</i>	13-27
2	<i>Notropis chihuahua</i>	30,36
1	<i>Pimephales promelas</i>	39
9	<i>Cyprinodon eximius</i>	14-27

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Rio Grande RM 919B  
Linam, Loveland 2/ /93

1	<i>Macrhybopsis aestivalis</i>	29
1	<i>Menidia beryllina</i>	36
1	<i>Rhinichthys cataractae</i>	64
1	<i>Gambusia affinis</i>	31
3	<i>Notropis braytoni</i>	35,40,44
15	<i>Cyprinella lutrensis</i>	27-37

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924/923  
Linam, Loveland 2/10/93

81	<i>Cyprinella lutrensis</i>	14-38
7	<i>Macrhybopsis aestivalis</i>	18-29
32	<i>Gambusia affinis</i>	17-36
1	<i>Ictiobus bubalus</i>	44

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Rio Grande @ Tapado Canyon  
GPG et al. 2/10/93

196	<i>Cyprinella lutrensis</i>	18-35
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Rio Grande RM 928  
GPG et al. 2/10/93

2,274	Cyprinella lutrensis	15-49
7	Gambusia affinis	25-32
12	Notropis jemezianus	21-30
2	Notropis stramineus	24,39
14	Ictiobus bubalus	28-72
2	Pimephales promelas	32,36
3	Notropis braytoni	31,33,38

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Rio Grande RM 928 (pool)  
GPG et al. 2/10/93

655	Cyprinella lutrensis	12-38
449	Gambusia affinis	11-31,34
11	Lepomis macrochirus	35-66
1	Lepomis cyanellus	78
94	Notropis braytoni	13-17
11	Pimephales promelas	not measured
14	Ictalurus furcatus	46,55,56,57-114
3	Ictalurus punctatus	57,73,75

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NEED TO CHECK:

Ictiobus for Carpiodes

N. stramineus