

INDEX.

STREAMS AND LAKES OF WESTERN MONTANA AND NORTHWESTERN WYOMING.

	Page.		Page.
Annotated list of fishes obtained in Montana and Wyoming	41-52	Genera and species referred to--Continued.	
Aster Creek	20, 21	<i>Cervus canadensis</i>	55
Atlantic Creek	26, 29	<i>Coregonus williamsoni</i>	47
Beaver Dam Creek	30	<i>Cottus bairdi punctulatus</i>	28, 51, 52
Beaverhead River	31, 32	<i>Dibothrium cordiceps</i>	29
Big Blackfoot River	14	<i>Eretbizon epixanthus</i>	56
Bitter Root River	18	<i>Eutænia sirtalis parietalis</i>	57
Blacktail Deer Creek	31	<i>Eutænia vagrans</i>	57
Bonner	14	<i>Gulo luscus</i>	56
Botteler's Springs	4, 39, 40	<i>Lagomys princeps</i>	55
Bozeman	40	<i>Leuciscus atrarius</i>	22, 23, 46
Bozeman Creek	33	<i>gilli</i>	18, 44, 45
Bridger Creek	33	<i>hydrophlox</i>	22, 44
Bridger Lake	29	<i>Linnaea palustris</i>	14, 18
Browns Gulch Creek	17, 18	<i>Lota lota maculosa</i>	31, 52
Child's Bed Rock drain	4, 35	<i>Margaritana margaritifera</i>	15
Clarke Fork of the Columbia	10, 11	<i>Mephitis</i>	56
Clarke Fork of the Columbia, streams tributary to	10-19	<i>Mylocheilus caurinus</i>	18
Classified list of waters examined	9, 10	<i>Ovis canadensis</i>	56
Climate of the region examined	8	<i>Ptychocheilus oregonensis</i>	18, 43
Columbia River basin	10-28	<i>Rana pipiens brachycephala</i>	57
Columbine Creek	30	<i>Rana pretiosa</i>	58
Cottonwood Creek	4, 14, 36	<i>Ranunculus</i>	31
Crawfish Creek	21	<i>Ranunculus aquatilis trichophyllus</i>	18, 37
Davies Springs	40	<i>Rhinichthys dulcis</i>	14, 17, 22, 36, 42, 43
Deer Lodge	36	<i>Salmo mykiss</i>	48-50
Deer Lodge River	15	<i>Salmo irideus</i>	52
Demersville	12	<i>Salmo trutta leueuensis</i>	52
Dempsey Creek	16, 17	<i>Salmo fario</i>	52
Depew Creek	13, 37	<i>Salvelinus fontinalis</i>	52
Drainage of the region examined	9	<i>Salvelinus malma</i>	14, 50, 51
Firehole River	32, 54	<i>Sciurus richardsoni</i>	55
Fish-cultural station, requirements for	3, 4	<i>Tamias</i>	55
Flathead Lake	12	<i>Taxidea americana</i>	56
Flathead River	11, 12	<i>Thymallus signifer</i>	47, 48
Forests in and about Yellowstone Park, preservation of	59, 60	<i>Ursus americanus</i>	56
Gardiner River	54	Gibbon River	32, 54
Gardiner River, East Fork	55	Glenn Creek	38, 39
Genera and species referred to--		Hellgate River	39
<i>Amblystoma tigrinum</i>	11, 57	Horsethief Springs	4, 33, 37, 38
<i>Antilocapra americana</i>	56	Inness Lake	23
<i>Arctomys</i>	55	Itinerary, Brief statement of	4, 5
<i>Astacus gambelli</i>	21	Itinerary, Detailed statement of	6, 7
<i>Bison bison</i>	56	Jackson Lake	22
<i>Bufo halophilus</i>	57	Jay Creek	29
<i>Canis latrans</i>	56	Jocko River	11
<i>Cariacus macrotis</i>	56	Lewis fork of the Columbia, Streams tributary to	19, 23
<i>Castilleja</i>	17	Lewis Lake	20
<i>Castor canadensis</i>	55	Little Blackfoot River	14, 35, 36
<i>Catostomus ardens</i>	22, 42	Location of station, places examined with reference to	34-41
<i>catostomus</i>	11, 14, 17, 18, 36, 42	Lolo Creek	18, 37
<i>discobolus</i>	41	McClellan Creek	34, 35
<i>macrochilus</i>	42	Madison River	32
		Mammals noticed in Montana and Wyoming	55, 56

STREAMS AND LAKES OF WESTERN MONTANA AND NORTHWESTERN WYOMING—Continued.

	Page.		Page.
Mission Creek	11	Persons referred to or quoted—Continued.	
Missoula	36, 37	Pratt, W. B.	58
Missouri River Basin	29, 41	Reynolds, W. F.	24
Mount Powell	17	Sargent, John D.	22
Nez Perce Creek	54	Stejneger, Leonhard	57
Objects of the expedition	5	Test, Frederick C.	57-59
Pacific Creek	23, 27	Traphagen, Frank	5, 18
Pelican Creek	30, 31	Walker, Robert C.	5
Persons referred to or quoted:		Winstanley, E. A.	5, 18
Albee, Mr	36	Physical features of the region examined	7-10
Anderson, George S.	6	Places examined with reference to location of station	34-41
Beadle, W. B.	58	Polecat Creek	21
Bickford, W. M.	5, 37	President Camp	21, 22
Bielenberg, N. J.	5, 16, 36	Prickly Pear Creek	34
Bridger, Jim	25	Pure water required for a station.	3
Child, W. C.	4, 5, 35	Race-track Creek	17
Chisholm, O. P.	6	Rattlesnake Creek	4, 13, 36
Clapham, Burnside.	4, 5, 12, 31, 39	Recommendations	60
Conley, Frank	5, 16	Red Rock River	31
Cooper, Walter	6	Reese Creek	39
Cope, E. D.	58	Reptiles and batrachians collected, annotated list of	57-59
Cummins, R. R.	6, 33, 37, 38	Requirements for successful fish-cultural station	3, 4
Davies, W. J.	40	Rock Creek	16
Dutton, C. E.	22, 31	Senecio Creek	29
Gannett, Henry	20	Shoshone Lake	19, 20
Gill, Theodore	45	Shoshone and Lewis lakes	54, 55
Hague, Arnold	8, 25, 29, 30, 59, 60	Snake River	19, 22
Harwood, Edward	4, 5, 6	Station, places examined with reference to locating	34-41
Hayden, F. V.	7, 8, 24, 26, 33, 34, 59	Stocking waters of Yellowstone National Park with fish, results of	53-55
Hofer, Elwood	4, 21, 23, 25, 26, 32, 54, 55, 56	Summary of report	3, 6
Imes, W. A.	6	Swan Lake	13
Jenkins, O. P.	4, 5, 21, 39	Swan River	12, 13
Jones, W. A.	24, 25	Thoroughfare Creek	29
Jordan, David Starr	30, 32	Tineup Joe	16
Lucas, E. R.	31, 33, 55	Two-Ocean Pass	24-28
Merriam, C. Hart	20, 55, 58	Upper Yellowstone River	29
Morgan, Thomas	16	Waters examined, classified list of	9, 10
Muth, William	4, 5	Wolverton Spring	40, 41
Pitcher, Lieut.	32, 54	Yount Peak	29
Power, T. C.	5		

REPORT UPON INVESTIGATIONS MADE IN TEXAS IN 1891.

Acknowledgments	62, 63	Genera and species referred to—Continued.	
Big White Oak Bayou	69	Dorosoma cepedianum	68
Buffalo Bayou	69	Fundulus heteroclitus	84
Clear Creek	68	pallidus	84
Colorado River	73, 74	similis	84
Comal Springs	73	xenicus	85
Corpus Christi	71	Gambusia patruelis	68, 88
Crustacea collected, list of	80	Goniobasis alexandrensis	78
Dickinson Bayou	67, 68	Hippa crerita	89
Galveston Bay	64, 71	Hybognathus nuchalis	76
Galveston Packing Company	66	Hybopsis aestivalis marconis	82
Genera and species referred to—		Lepomis pallidus	68
Alpheus heterochaelis	90	Libinia dubia	89
Anodonta corpulenta	71	Limnæa desidiosea	20
Arenæus cribrarius	89	Lucania parva	87
Callinectes hastatus	89	Micropterus salmoides	70
Cambarus clarkii	90	Mollinnesia latipinna	88
Campostoma anomalum	75	Notemigonus chrysoleucus	68, 84
Chænobryttus gulosus	68	Notropis cayuga atrocaudalis	76
Cliola vigilax	76	delectus	80
Cyprinodon variegatus	84	deliciosus	77
Dionda episcopa	75	fumeus	81

REPORT UPON INVESTIGATIONS MADE IN TEXAS IN 1891—Continued.

	Page.		Page.
Genera and species referred to—Continued.		Oysters in Galveston Bay	66
<i>Notropis lutrensis</i>	79	Persons referred to or quoted—	
<i>nocomis</i>	78	Bringhurst, George A.	62
<i>notemigonoides</i>	81	Church, W. D.	64
<i>nux</i>	77	Dana, F. L.	62
<i>swaini</i>	79	Dumble, E. T.	63
<i>venustus</i>	70, 79	Earl, R. E.	87
<i>Opsopæodus osculus</i>	82	Frizell, Joseph P.	74
<i>Palæmonetes oxilipes</i>	90	Gilbert, Charles H.	83
<i>vulgaris</i>	90	Grant, John A.	63
<i>Palæmon ohioensis</i>	90	Gurley, R. R.	63, 76
<i>Penæus brasiliensis</i>	90	Hay, O. P.	87
<i>setiferus</i>	90	Herdon, A. C.	62
<i>Panopeus depressus</i>	89	Hettler, Joseph	62
<i>herbstii</i>	89	Jenkins, O. P.	87
<i>texanus</i>	89	Jordan and Gilbert	80
<i>Petrolisthes armatus</i>	89	Kilper, Jacob	68
<i>Phenacobius mirabilis</i>	82	Landa, Joseph	73
<i>Physa halei</i>	72	Loosan, M.	62
<i>Planorbis bicarinatus</i>	73	Lubbock, J. B.	63
<i>lentus</i>	72	McDonald, John	63
<i>liedmanni</i>	72	McDonald, Marshall	61, 63
<i>Sesarma cinerea</i>	89	Nichols, Fred McC	62
<i>Squilla empusa</i>	90	Rathbun, Mary J.	80
<i>Tillandsia recurvata</i>	72	Runge, Julius	62
<i>usneoides</i>	68, 69, 72	Russell, R. H.	72
<i>Tozeuma carolinensis</i>	90	Seovell, J. T.	63
<i>Unio undulatus</i>	72	Singley, J. A.	63
<i>Zygonecetes escambito</i>	87	Smith, H. M.	85, 88
<i>funduloides</i>	85	Wilson, Harvey T. D.	62
<i>jenkinsi</i>	86	Wilson, Robert E. C.	62
<i>notatus</i>	87	Woolman, A. J.	83
<i>pulvereus</i>	85	San Antonio River	71, 72
Givens Oyster Company	71	San Antonio Springs	72
Guadalupe River	72, 74	San Jacinto River	70
Houston	68	San Marcos River	73
Hunter Creek	69, 70	San Pedro Springs	72
Instructions as to character of station	61	Sims Bayou	69
Itinerary	63	South Galveston	67
Kownslar Place	68	Swan Lake	66
Long Lake	70, 71	Texan fishes, notes on	75-88
Neches River	71	Trinity River	70
Olmos Creek	72	Waters examined	63

REPORT ON THE FISHERIES OF THE GULF STATES.

Abbott, W. H.	91	Shore industries of—	
Alabama, fisheries of	138-144	Alabama	144
Alligator industry	91, 112, 157	Florida	135-138
Alligator trade	137, 138	Louisiana	171
Canning industry	136, 154, 171, 184	Mississippi	153-154
Common and scientific names of products	99-102	Texas	184
Comparisons with 1880	107, 108	Shrimp canning	154, 171
Fishermen, nationalities of	91	Shrimp trade	171
Fish trade	135, 144, 154, 167, 184	Sponge trade	137
Florida, fisheries of	108-138	Stevenson, Charles H.	91
Hall, Ansley	91	Tabular statements:	
Lobsters, planted in Galveston Bay	97	1. Value of fish and other products taken with	
Louisiana, fisheries of	155-171	each principal form of apparatus used in	
Mississippi, fisheries of	145-154	Gulf fisheries in 1890	96
Names of fishes, mollusks, etc.	99-102	2. Rigs of vessels employed in fisheries of Gulf	
Oyster canning	136, 154, 169	region in 1890	97
Oyster trade	135, 136, 144, 154, 171, 184	3. Number of persons engaged in fisheries of Gulf	
Pound-net fishing, obstacles to	95	States in 1890	104
Race, Edward E.	95		

REPORT ON THE FISHERIES OF THE GULF STATES—Continued.

Tabular statements—Continued.	Page.	Tabular statements—Continued.	Page.
4. Nationality of persons engaged in fisheries of Gulf States in 1890	104	34. Showing by counties the apparatus and capital employed in Alabama fisheries in 1889 and 1890	141
5. Investment in fisheries of Gulf States in 1890	104	35. Showing by counties and species the yield of Alabama fisheries in 1889 and 1890	141
6. Products of fisheries of Gulf States in 1890	104-105	36. Showing by counties the yield of Alabama vessel fisheries in 1889 and 1890	142
7. Percentage of quantity and value of each species taken in fisheries of Gulf States in 1890	106	37. Showing by counties and species the yield of Alabama shore fisheries in 1889 and 1890	142
8. Comparative table showing extent of fisheries of Gulf States in 1880 and 1890	106	38. Showing by counties and apparatus the yield of Alabama shore fisheries in 1889 and 1890	143
9. Comparative table showing by States the oyster yield of Gulf States in 1880 and 1890	108	39. Wholesale oyster trade of Alabama in 1889 and 1890	144
10. Persons employed in fisheries of west coast of Florida	109	40. Wholesale fish trade of Alabama in 1889 and 1890	144
11. Nationality of persons engaged in fisheries of west coast of Florida	110	41. Persons employed in Mississippi fisheries	140
12. Apparatus and capital employed in fisheries of west coast of Florida	110	42. Nationality of persons employed in Mississippi fisheries	146
13. Products of fisheries of west coast of Florida	111	43. Apparatus and capital employed in Mississippi fisheries	146
14. Showing by counties the number of persons employed in fisheries of west coast of Florida in 1889 and 1890	112	44. Products of Mississippi fisheries	147
15. Showing by counties the apparatus and capital employed in fisheries of west coast of Florida in 1889 and 1890	113-115	45. Showing by counties the number of persons employed in Mississippi fisheries in 1889 and 1890	147
16. Showing by counties and species the yield of fisheries of west coast of Florida in 1889 and 1890	116-118	46. Showing by counties the number and value of vessels, boats, apparatus, etc., employed in Mississippi fisheries in 1889 and 1890	148
17. Showing by counties and species the yield of vessel fisheries of west coast of Florida in 1889 and 1890	119-120	47. Showing by counties the yield of Mississippi fisheries in 1889 and 1890	149
18. Showing by counties and species the yield of shore fisheries of west coast of Florida in 1889 and 1890	121-123	48. Showing by species and counties the yield of Mississippi vessel fisheries in 1889 and 1890	150
19. Summary by customs districts of vessel fisheries of west coast of Florida in 1889 and 1890	124	49. Showing by counties and species the yield of Mississippi shore fisheries in 1889 and 1890	151
20. Showing by customs districts and species the yield of vessel fisheries of west coast of Florida in 1889 and 1890	125	50. Showing by apparatus and species the yield of Mississippi shore fisheries in 1889 and 1890	152-153
21. Showing by counties and apparatus the yield of vessel fisheries of west coast of Florida in 1889 and 1890	126-128	51. Canning industry of Mississippi	154
22. Showing by counties and apparatus the yield of shore fisheries of west coast of Florida in 1889 and 1890	128-134	52. Showing by counties the wholesale oyster-packing trade of Mississippi in 1889 and 1890	154
23. Wholesale fish trade of west coast of Florida in 1889 and 1890	135	53. Wholesale fish trade of Mississippi in 1889 and 1890	154
24. Wholesale oyster trade of west coast of Florida in 1889 and 1890	136	54. Persons employed in Louisiana fisheries	156
25. Oyster-canning industry of west coast of Florida in 1889 and 1890	136	55. Showing the nationality of persons engaged in Louisiana fisheries in 1889 and 1890	156
26. Wholesale green-turtle trade of west coast of Florida in 1889 and 1890	136	56. Apparatus and capital employed in Louisiana fisheries	157
27. Wholesale sponge trade of west coast of Florida in 1889 and 1890	137	57. Products of Louisiana fisheries	157
28. Wholesale alligator trade of west coast of Florida in 1889 and 1890	138	58. Showing by parishes the number of persons employed in Louisiana fisheries in 1889 and 1890	158
29. Persons employed in Alabama fisheries	139	59. Showing by parishes the apparatus and capital employed in Louisiana fisheries in 1889 and 1890	158-160
30. Nationality of persons engaged in Alabama fisheries	139	60. Showing by parishes and species the yield of Louisiana fisheries in 1889 and 1890	160-162
31. Apparatus and capital employed in Alabama fisheries	139	61. Showing by parishes and species the yield of Louisiana vessel fisheries in 1889 and 1890	163
32. Products of Alabama fisheries	140	62. Showing by parishes and species the yield of Louisiana shore fisheries in 1889 and 1890	163-165
33. Showing by counties the number of persons employed in Alabama fisheries in 1889 and 1890	140	63. Showing by parishes and apparatus the yield of Louisiana vessel fisheries in 1889 and 1890	166-167
		64. Showing by parishes and apparatus the yield of Louisiana shore fisheries in 1889 and 1890	167-170
		65. Wholesale oyster trade and the canning of oysters and shrimp in Louisiana in 1889 and 1890	171
		66. Wholesale fresh-fish and shrimp trades of Louisiana in 1889 and 1890	171
		67. Persons employed in Texas fisheries	173

REPORT ON THE FISHERIES OF THE GULF STATES—Continued.

	Page.		Page.
Tabular statements—Continued.		Tabular statements—Continued.	
68. Nationality of persons engaged in the fisheries of Texas	173	74. Showing by counties and species the yield of Texas vessel fisheries in 1889 and 1890	178
69. Apparatus and capital employed in Texas fisheries	173	75. Showing by counties and species the yield of Texas shore fisheries in 1889 and 1890	179-180
70. Products of Texas fisheries	174	76. Showing by counties and apparatus the yield of Texas shore fisheries in 1889 and 1890	181-184
71. Showing by counties the number of persons employed in Texas fisheries in 1889 and 1890	174	77. Wholesale oyster and fish trades and turtle canning of Texas in 1889 and 1890	184
72. Showing by counties the apparatus and capital employed in Texas fisheries in 1889 and 1890	175	Texas, fisheries of	170, 184
73. Showing by counties and species the yield of Texas fisheries in 1889 and 1890	176-177	Turtle, canning	184
		Turtle trade	136
		Vessels, rigs of, represented in Gulf fisheries	96, 97

REPORT ON A COLLECTION OF FISHES FROM THE ALBEMARLE REGION OF NORTH CAROLINA.

Albemarle Sound	186	Genera and species referred to—Continued.	
Common names of fishes of the Albemarle region, list of	188	Lucius reticulatus	191, 195, 199
Davis Bay	189	Menidia beryllina	192, 195
Economic fishes taken in 1890, tabular statement of	186	Micropterus salmoides	192, 196, 200
Edenton	193	Morone americana	192, 196, 200
Edenton Bay	193-196	Moxostoma anisurum	198
Elizabeth City	180	crassilabre	194, 198
Genera and species referred to:		Myriophyllum	193, 196
Achirus fasciatus	196	Notemigonus chrysoleucus	191, 195, 199
Acipenser sturio oxyrhynchus	190, 193, 198	Notropis hudsonius	190, 194
Amia calva	190, 193, 198	niveus	194
Ameiurus albidus	190, 193, 198	whipplei	194
nebulosus	190, 194, 198	Palamonetes exilipes	189, 193
Ælurichthys marinus	194	Paralichthys lethostigma	192, 196, 200
Anguilla chryssypa	191, 195, 199	Perca flavescens	192, 196, 200
Aphredoderus sayanus	199	Pomoxis sparoides	192, 196, 199
Brevoortia tyrannus	191, 195	Querimama gyrans	192, 195, 199
Cambarus blandingii	193	Roccus lineatus	192, 196, 200
acuta	197	Semotilus atromaculatus	199
Centrarchidae	197	Stizostedion vitreum	192, 196, 200
Centrarchus macropterus	199, 200	Tylosurus marinus	191, 195
Chænobryttus gulosus	196, 199, 200	Introductory note	185-187
Clupeaestivalis	191, 195, 199	Pasquotank River	189-192
mediocris	195, 199	Persons referred to or quoted:	
pseudoharengus	191, 195, 199	Evermann, Barton W	194
sapidissima	191, 195, 199	Gilbert, Charles H	194
Cyprinus carpio	190, 199	Jordan, David Starr	185, 187, 192, 194, 198
Dorosoma cepedianum	191, 195, 199	Kendall, W. C	192
Enneacanthus obesus	199	Leary, J. L	194, 195
simulans	196	Rathbun, Richard	185
Erinnyzon sucetta	194	Skinner, H. G	195
Etheostoma nigrum olmstedii	192, 196, 200	Worth, S. G	198, 199, 200
Fundulus diaphanus	191, 195, 199	Waters, George	190
Gambusia patruelis	191, 193, 195, 199	Plymouth and vicinity	197
Hybognathus nuchalis	190, 194, 199	Reedy Point	193
Lepomis auritus	196	Roanoke River	197-200
gibbosus	192, 196, 200	Specific names of fishes of the Albemarle region, list of	187
pallidus	196, 200	Tabular statement of economic fishes taken in 1890	186
Lucius americanus	195, 199	Weldon	197

OBSERVATIONS ON THE SPAWNING HABITS OF THE SHAD.

Albemarle production	206	Movements of shad controlled by temperature	205
Chapman Point	204	Potency of creeks	205
Daily average temperature, influence of	206	Potomac River production	203
Delaware River production	204, 205	Shad-egg production of the Potomac River, 1888-1891	204
Ferry Landing	204	Shad ova on Potomac River, cost of	201
Fort Washington seine production for 1887 and 1888	205	Spawning region of the shad	201
Fort Washington seine, record of operations, 1887-1891	202	Stony Point	203
Inequalities in production	202	Sutton Beach fishery	203

AQUATIC INVERTEBRATE FAUNA OF THE YELLOWSTONE NATIONAL PARK, WYOMING,
AND THE FLATHEAD REGION OF MONTANA.

	Page.
Aërial sound, note on.....	215
Bridge Creek.....	227
Bridge Bay.....	228
Discussion of the collections.....	213-214
Descriptions of species and varieties.....	240-256
Duck Lake.....	230
Explanation of plates.....	258
Flathead Lake.....	236-238
Flathead River system.....	236-239
Genera and species referred to:	
<i>Acroperus leucocephalus</i>	222, 230, 232
<i>Agabus</i>	233, 234
<i>Agrion</i>	218, 220, 232, 233, 239
<i>Agrionina</i>	219, 230
<i>Alona</i>	225, 230, 232, 239
<i>Allorchestes</i>	216, 219, 221, 227, 235
<i>dentata</i>	214, 218, 219, 220, 225, 230, 232, 233,
.....	238, 239
<i>inermis</i>	225, 227, 228, 229
<i>Amnicola</i>	220, 229
<i>Amphipoda</i>	218
<i>Annelida</i>	233
<i>Aulostoma lacustris</i>	218
<i>Bosmina</i>	216, 227, 238
<i>longirostris</i>	222
<i>Cænis</i>	222
<i>Candona</i>	230
<i>Ceriodaphnia</i>	214, 227, 232, 233
<i>reticulata</i>	232, 233
<i>Chætogaster</i>	233
<i>Chara</i>	226, 231
<i>Chironomus</i>	214, 217, 218, 219, 220, 222, 225, 226, 227, 228,
.....	231, 232, 233, 234, 235, 238, 239
<i>Chydorus</i>	216, 218, 231, 232
<i>sphæricus</i>	225, 227, 229, 232, 233
<i>Cladocera</i>	225, 233, 240, 244
<i>Cladophora</i>	215, 222
<i>Clepsine</i>	220, 225, 226, 227, 231, 234, 235, 239
<i>elegans</i>	220
<i>ornata</i>	232
<i>Cælambus</i>	219
<i>Coleoptera</i>	227, 230
<i>Colymbetes</i>	233
<i>Conochilus</i>	219, 220, 225, 227
<i>leptopus</i>	225, 229, 256
<i>volvox</i>	219
<i>Copepoda</i>	233, 247, 255
<i>Corethra</i>	214, 220, 238, 230, 233, 234
<i>Corisa</i>	214, 217, 218, 219, 220, 226, 227, 228, 232, 233, 235, 239
<i>Crustacea</i>	238
<i>Culex</i>	218
<i>Culicidæ</i>	227
<i>Cyclops</i>	214, 216, 220, 225, 227, 231, 232, 233, 235, 238
<i>capilliferus</i>	248-249
<i>gyrinus</i>	216, 218, 222, 225, 230, 238, 239
<i>minnilus</i>	216, 225, 230, 247
<i>serratus</i>	247, 248
<i>serrulatus</i>	216, 218, 225, 229
<i>thomasi</i>	238, 249-259
<i>Cypris</i>	216, 218, 225, 226, 227, 228, 232, 239
<i>barbatus</i>	227, 228, 244-246
<i>grandis</i>	246
<i>Daphnella</i>	220, 227
<i>brachyura</i>	221, 222

	Page.
Genera and species referred to—Continued.	
<i>Daphnia</i>	214, 218, 227, 231
<i>angulifera</i>	218, 220
<i>arcuata</i>	222
<i>clathrata</i>	235, 240-241
<i>dentata</i>	244
<i>dentifera</i>	240, 243-244
<i>pulex</i>	214, 216, 218, 225, 226, 227, 228, 230, 232, 233,
.....	237, 238, 242, 243
<i>pulex var. pulicaria</i>	242-243
<i>schedleri</i>	231, 232, 233, 234
<i>thorata</i>	237, 238, 239, 241, 242
<i>Daphniidæ</i>	235
<i>Deronectes</i>	226, 228, 233
<i>griseostriatus</i>	234
<i>Diptera</i>	218
<i>Diaptomus</i>	216, 217, 218, 219, 220, 221, 222, 225, 227, 228, 229
.....	233, 235, 238
<i>leptopus</i>	253
<i>lintoni</i>	216, 225, 230, 231, 232, 233, 234, 235,
.....	252, 253
<i>piscinæ</i>	232, 253, 254
<i>shoshone</i>	214, 216, 219, 221, 225, 229, 232, 233, 235,
.....	251-252
<i>sicilis</i>	216, 219, 222, 225, 226, 229, 232
<i>stagnalis</i>	251, 253
<i>Diffugia</i>	222
<i>globulosa</i>	230
<i>Dytiscidæ</i>	218, 232, 233, 238, 239
<i>Echinopyxis</i>	222
<i>Ephemera</i>	220
<i>Ephemeriidæ</i>	227, 239
<i>Epischura</i>	220
<i>fluviatilis</i>	254
<i>lacustris</i>	254, 255
<i>nevadensis columbiæ</i>	238, 239, 254-255
<i>nordenskiöldii</i>	254
<i>Eurycerus</i>	232, 238
<i>lamellatus</i>	218, 222, 227, 239
<i>Gammarus</i>	216, 217, 219, 221, 225, 226, 227, 230, 232, 233,
.....	235, 238
<i>robustus</i>	216, 218, 219, 228, 229, 239
<i>Graphoderes fasciaticollis</i>	230
<i>Gregarina</i>	216
<i>Haliplus</i>	228, 230, 235
<i>Holopedium gibberum</i>	219, 222, 234
<i>Hydaticus</i>	232
<i>Hydrachnidæ</i>	218, 220, 228, 239
<i>Hydra fusca</i>	220, 222
<i>Hydrophilidæ</i>	238, 239
<i>Hydrophilus</i>	217, 220
<i>Hydroporus</i>	232, 233
<i>Hygrotrechus</i>	228, 231
<i>Lucinularia socialis</i>	214
<i>Leptodora</i>	238
<i>hyalina</i>	222, 239
<i>Libellula</i>	232
<i>Libellulida</i>	217
<i>Libellulina</i>	230
<i>Limnæa</i>	227, 228, 229, 232, 233, 238, 239
<i>Macrothrix</i>	227, 232
<i>Melaniidæ</i>	220
<i>Monostyla</i>	228
<i>cornuta</i>	229

AQUATIC INVERTEBRATE FAUNA OF WYOMING AND MONTANA—Continued.

Genera and species referred to—Continued.	Page.	Genera and species referred to—Continued.	Page.
Monostyla ovata	256	Stentor	230
Naidomorpha	230	igneus	230
Nelumbium	256	var. fuliginosus	256
Nephele	226, 235, 239	Stylaria lacustris	222
4-striata	219, 220	Tabanidæ	227
maculata	218, 220, 221, 226, 228, 230, 232, 234, 239	Turbellaria	233
obscura	216	Unionidæ	220
Neuronia	217, 221	Valvata	220, 228
Notonecta	217, 218, 219, 231, 232, 233	Vaucheria	222
Nuphar	218, 220	Gardiner Lakelet	232
Oligochaeta	219, 226	Gardiner River System	231-233
Oscillaria	229	Grebe Lake	234-235
Ostracoda	244-246	Heart Lake	220-222
Paludinidæ	220	Introductory	207
Physa	217, 218, 219, 220, 222, 226, 227, 228, 229, 233, 235, 238, 239	Lake of the Woods	230
Phryganeidæ	216, 233	Lewis Lake	218-220
Pisidium	217, 218, 219, 220, 222, 226, 229, 231, 232, 234, 235, 238, 239	Madison River System	234-235
Planorbis	220, 229, 232, 233, 238, 239	Mary Lake	234
exacutus	227	Persons referred to:	
Plumatella	238, 239	Birge, E. A.	244
Poduridæ	228, 230	Boutelle, F. A.	210, 211
Polyphemus	218, 227, 228	Brode, H. S.	212
pediculus	216, 220, 222, 225, 228, 229, 232	Evermann, B. W.	207, 212, 213
Polyzoa	220	Harwood, E. L.	207
Potamogeton	215, 222	Hofer, Elwood	208, 211
Pristina lacustris	238	Jordan, David S.	207
Protozoa	256	Linton, Edwin	207, 208, 209, 218
Rotifera	256	Lucas, E. R.	210, 231
Salmo mykiss	228	McDonald, Marshall	207
Scapholeberis	238	Parchen, W. H.	212
mucronatus	218, 225, 229, 230, 232	Pelican Creek	227
Sida	238	Shoshone Lake	214-218
crystallina	220, 230, 231, 238, 239	Small ponds, collections from	232-233
Simocephalus	220	Snake River System	214-222
vetulus	227, 230, 231, 233	Soda Butte Creek	229
Simulium	228, 229	Swan Lake	231-232, 239
Sphaerium	232	Trip of 1890	208-211
Spongilla	217, 226, 232, 234	Trip of 1891	212-213
fragilis	239	Twin Lakes	231
		Yellowstone River System	223-230
		Yellowstone Lake	223-229

NOTES ON A COLLECTION OF FISHES FROM THE SOUTHERN TRIBUTARIES OF THE CUMBERLAND RIVER IN KENTUCKY AND TENNESSEE.

Beaver Creek	266	Species enumerated in lists—Continued.	
Big South Fork of the Cumberland River	266-268	Chrosomus erythrogaster	263, 266
Brimstone Creek	267	Catostomus nigricans	260, 262, 263, 264, 265, 266, 267
Canada Creek	267	teres	268
Caney Fork River	262	Clupea chrysochloris	264, 265
Cumberland River	265	Cottus bairdi	261, 263, 265, 268
Eagle Creek	263	Etheostoma aspro	262, 265, 268
Little South Fork of the Cumberland River	266	blennioides	260, 261, 262, 263, 264, 266, 268
New River	267	camurum	268
Obeys River	263-265	caprodes	260, 261, 262, 264, 265, 266, 268
Otter Creek	266	cinereum	264, 268
Roaring River	263	cœruleum	263, 265, 266, 268
Rock Creek	267	coplandi	265
Round Lick Creek	261	evides	262, 264
Species enumerated in lists:		macrocephalum	264, 268
Ambloplites rupestris	262, 263, 264, 268	obeyense	265, 266, 268
Amblystoma punctatum	268	rufolineatum	260, 261, 262, 264, 268
Ameiurus natalis	260, 261	simoterum atripianis	260, 261, 262, 264, 268
nebulosus	264, 266	squamicops	260, 261
Aplodinotus grunniens	262, 265	stigmaeum	262, 265, 268
Campostoma anomalum	260, 261, 262, 263, 264, 265, 266, 267	zonale	265

NOTES ON FISHES FROM THE SOUTHERN TRIBUTARIES OF THE CUMBERLAND RIVER—Continued.

	Page.
Species enumerated in lists—Continued.	
<i>Fundulus catenatus</i>	261, 264, 265, 266, 268
<i>Hybognathus nuchalis</i>	262
<i>Hybopsis amblops</i>	260, 261, 262, 264, 266, 267
<i>kentuckiensis</i>	260, 261, 262, 264, 266, 267
<i>storerianus</i>	262
<i>watanga</i>	262, 264
<i>Ictalurus punctatus</i>	262, 264
<i>Ictiobus difformis</i>	262, 265
<i>Labidesthes sicculus</i>	260, 261, 264
<i>Lagochila lacea</i>	260, 267
<i>Lepiosteus ossous</i>	262, 264, 265
<i>Leptops olivaris</i>	262
<i>Lepomis cyanellus</i>	266
<i>megalotis</i>	260, 261, 262, 263, 266, 268
<i>pallidus</i>	260, 261
<i>Micropterus dolomieu</i>	260, 262, 263, 264, 265, 266, 268
<i>salmoides</i>	261, 265, 268
<i>Macrolepidotum duquesnei</i>	260, 262, 264, 265, 266, 267
<i>Notropis ariommus</i>	261, 264, 267
<i>atherinoides</i>	261, 262, 264, 265, 267

	Page.
Species enumerated in lists—Continued.	
<i>Notropis boops</i>	258, 262
<i>galacturus</i>	260, 261, 262, 263, 264, 265, 266, 267
<i>heterodon</i>	267
<i>megalops</i>	260, 261, 262, 264, 265, 266, 267
<i>telescopus</i>	260, 264, 265, 267
<i>cyanocephalus</i>	261, 263, 264, 265, 266, 267
<i>whipplei</i>	260, 262, 264, 265, 266, 267
<i>Noturus flavus</i>	262, 265
<i>Phenacobius uranops</i>	264, 265
<i>Pimephales notatus</i>	260, 261, 262, 264, 266, 267
<i>Rhinichthys atronasus</i>	263, 265
<i>Semotilus atromaculatus</i>	261, 263, 266, 268
<i>Stizostedion vitreum</i>	262
<i>Zygonectes notatus</i>	260, 261
Spring Creek	260, 261, 263
Streams examined, list of	259
Stone River	259, 260
West Fork of the Stone River	259, 260
Willis Creek	265
Wolf River	263

REPORT ON THE FISHERIES OF THE SOUTH ATLANTIC STATES.

Alewife fishery	274, 355
Alligator industry	335, 343-345
Apparatus in South Atlantic fisheries	274-275, 277, 278, 295-304, 314-317, 326-330, 339-343, 350-353
Character of fisheries	274-275, 303-309, 334
Comparisons between 1880 and 1890	279-281
Fishery resources	272
Fishing-grounds	282-284, 307-308, 319, 333-334
Fish trade	305, 306, 331-332
Florida alligator industry	335, 343-345
description of coast and rivers	333-334
fisheries	333-345
by apparatus	339-343
counties	336-338
general statistics	335, 336
importance of fisheries	334
increase of fisheries	334
nature of fisheries	334
oyster canning	345
shore industries	345
Fresh-water fisheries	278, 320, 346-355
Geography of region	271, 282, 307, 319, 333-334
Georgia fisheries	319-332
by apparatus	326-330
counties	322-326
development of	319-321
importance of	319-321
fishing-grounds	319
general statistics	321-322
oyster canning	332
cultivation	320
investigations	320
surveys	320
trade	331, 332
shore industries	331-332
Importance of South Atlantic fisheries	274-275, 284, 303-309, 319-321, 334
List of fishes figured	356
Menhaden industry	305, 306
North Carolina fisheries	282-306
by apparatus	295-305

North Carolina fisheries, by counties	287-295
importance of	284
fishing-grounds	282
fish trade	305, 306
general statistics	285-286
geography of coast	228
importance of fisheries	284
menhaden industry	305, 306
oyster canning	305, 306
industry	305, 306
packing	305, 306
trade	305, 306
porpoise industry	305, 306
rank as fishing State	285
shore fishing industries	305-306
Oyster canning	305, 306, 318, 320, 332, 345
fishery	274, 287, 318, 320
investigations	320
packing	305, 306
planting	318, 320
surveys	284, 320
trade	305, 306, 318, 332, 345
Persons referred to or quoted—	
Abbott, W. H.	270
Drake, James C.	320
Earll, R. Edward	271, 334
Hall, Ansley	270
McDonald, Marshall	271
Race, E. E.	270
Ravenel, W. de C.	270, 318
Smith, Hugh M.	269
Stevenson, Charles H.	270
Winslow, Francis	284
Worth, S. G.	270
Porpoise fishery	274, 305
industry	305, 306
River basins, fisheries of	346-355
Salt-water fisheries	278, 320, 346
Shad fishery	274, 287, 295, 353-354
Shore fishing industries	305-306, 331-332, 345

REPORT ON THE FISHERIES OF THE SOUTH ATLANTIC STATES—Continued.

	Page.		Page.
South Carolina fisheries.....	307-318	Tabular statements--Continued.	
by apparatus.....	314-317	27. Showing by counties the apparatus and capital employed in South Carolina fisheries in 1889 and 1890.....	311-312
counties.....	310-313	28. Showing by counties and species the yield of South Carolina fisheries in 1889 and 1890.....	312-313
general statistics.....	309-310	29. Showing by counties, apparatus, and species the yield of South Carolina shore fisheries in 1889 and 1890.....	314-317
oyster canning.....	318	30. Oyster-canning industry of South Carolina in 1890.....	318
planting.....	318	31. Persons employed in Georgia fisheries in 1889 and 1890.....	321
Sturgeon fishery.....	279, 355	32. Apparatus and capital employed in Georgia fisheries in 1889 and 1890.....	322
Tabular statements:		33. Products of Georgia fisheries in 1889 and 1890.....	322
1. Persons employed in fisheries of South Atlantic States in 1890.....	276	34. Showing by counties the number of persons employed in Georgia fisheries in 1889 and 1890.....	323
2. Vessels, boats, apparatus, shore property, and cash capital employed in fisheries of South Atlantic States in 1890.....	276	35. Showing by counties the apparatus and capital used in Georgia fisheries in 1889 and 1890.....	323-324
3. Products of fisheries of South Atlantic States in 1890.....	277	36. Showing by counties and species the yield of Georgia fisheries in 1889 and 1890.....	325-326
4. Products, by apparatus, of fisheries of South Atlantic States in 1890.....	277	37. Showing by apparatus the yield of Georgia vessel fisheries in 1889 and 1890.....	326
5. Values of different fisheries of South Atlantic States in 1890.....	278	38. Showing by counties, apparatus, and species the yield of Georgia shore fisheries in 1889 and 1890.....	327-330
6. Value of the salt-water and fresh-water fisheries of South Atlantic States in 1890.....	278	39. Wholesale fish trade of Chatham County, Georgia, in 1890.....	331
7. Comparative statement of number of persons engaged in fisheries of South Atlantic States in 1889 and 1890.....	280	40. Retail fish trade of Savannah, Ga., in 1890.....	332
8. Comparative statement of vessels, boats, apparatus, and property employed in fisheries of South Atlantic States in 1889 and 1890.....	280	41. Oyster-canning industry of Georgia in 1889 and 1890.....	332
9. Comparative statement of values of principal products of fisheries of South Atlantic States in 1889 and 1890.....	281	42. Persons employed in fisheries of eastern Florida in 1889 and 1890.....	335
10. Persons employed in North Carolina fisheries in 1889 and 1890.....	286	43. Apparatus and capital employed in fisheries of eastern Florida in 1889 and 1890.....	335
11. Apparatus and capital employed in North Carolina fisheries in 1889 and 1890.....	286	44. Products of fisheries of eastern Florida in 1889 and 1890.....	336
12. Products of North Carolina fisheries in 1889 and 1890.....	286	45. Showing by counties the number of persons employed in fisheries of eastern Florida in 1889 and 1890.....	336
13. Showing by counties the persons employed in North Carolina fisheries in 1889 and 1890.....	288	46. Showing by counties the apparatus and capital employed in fisheries of eastern Florida in 1889 and 1890.....	337
14. Showing by counties the apparatus and capital employed in North Carolina fisheries in 1889 and 1890.....	288-290	47. Showing by counties and species the yield of fisheries of eastern Florida in 1889 and 1890.....	338
15. Showing by counties the yield of North Carolina shore fisheries in 1889 and 1890.....	291-294	48. Showing by counties, apparatus, and species the yield of fisheries of eastern Florida in 1889 and 1890.....	339-343
16. Showing by counties and species the yield of North Carolina vessel fisheries in 1889 and 1890.....	295	49. Oyster-canning industry of Florida in 1889 and 1890.....	345
17. Number of shad taken in each county in North Carolina in 1889 and 1890.....	295	50. Showing by river basins the number of persons employed in fresh-water fisheries of South Atlantic States in 1889 and 1890.....	347
18. Showing by counties, apparatus, and species the yield of North Carolina shore fisheries in 1889 and 1890.....	297-304	51. Showing by river basins the vessels, boats, apparatus, etc., employed in fresh-water fisheries of South Atlantic States in 1889 and 1890.....	347-348
19. Porpoise industry of North Carolina in 1889 and 1890.....	306	52. Showing by river basins the products of fresh-water fisheries of South Atlantic States in 1889 and 1890.....	348-349
20. Menhaden industry of North Carolina in 1889 and 1890.....	306	53. Showing by river basins and apparatus the products of fresh-water fisheries of South Atlantic States in 1889 and 1890.....	350-353
21. Wholesale fish trade of North Carolina in 1889 and 1890.....	306	Vessel fisheries.....	274, 295
22. Oyster industry of North Carolina in 1889 and 1890.....	306	unimportance of.....	274, 287
23. Persons employed in South Carolina fisheries in 1889 and 1890.....	309		
24. Apparatus and capital employed in South Carolina fisheries in 1889 and 1890.....	300		
25. Products of South Carolina fisheries in 1889 and 1890.....	310		
26. Showing by counties the persons employed in South Carolina fisheries in 1889 and 1890.....	310		

REPORT ON THE EUROPEAN METHODS OF OYSTER-CULTURE.

	Page.		Page.
<i>Amphipleura</i> (<i>Navicula</i>) <i>fusiformis ostreana</i>	390	Leroux, Mr	390
Amrum	370, 373	Lijmfjord	379
Anderson, A.	405	Lisbon	367, 368
Arcahon	369, 371, 382, 384, 385, 394, 395	Lloreget Bay	366
Auray	371, 376, 379, 382, 385, 394, 395, 398	Lucrine Lake	358, 364, 365
Anstin, G. L.	405	Marenes	376, 378, 385, 389, 390, 399
Belgium, oyster-culture in	389-392	Mare Piccolo	359, 360
Bergen-op-Zoom	384	Margate	393
Berrington, A. P.	405	McDonald, Marshall	357
Blackwater River	394, 400	Meinesz & Co	391
Blankenberghe	391	Milosa, Salvatore	363, 405
Bottemanne, C. J.	382, 387, 405	Möbins, Prof	370, 371, 373, 374, 375, 370, 377, 402, 405
Bouchon-Brandely, M.	363	Natural supply of oysters in England	393
Brénéguy	364	Newman, J	405
Brightlingsea	394, 400	Newman, Mr	394, 400
Brindisi	359	Nieuport	391
Bruges	389	Ochtmann, Mr	384, 385, 386, 405
Burnham	394	Origin of oyster-culture	358
Cacilhas	367	Ossegue	375
Cancale	371, 399	Ostend	376, 386, 389, 390, 391, 392
Cape Finisterre	366	Oyster-culture in Belgium	389-392
Castello del Ovo	366	England	393-401
Colne River	394, 400	Germany	370-380
Conclusion	402-405	Holland	381-388
Coruña	366	Italy	358-366
Coste, M.	358, 364, 367	Spain and Portugal	366-370
Crouch River	394, 400	<i>Ostrea angulata</i>	367, 369, 402
Cultural processes in England	398-401	<i>edulis</i>	358, 402
Danish Cronicle	372	<i>edulis venetiana</i>	358
Elbe River	380	<i>plicata</i>	358
Elevage in Holland	386, 387, 388	Oyster-land concessions in England	396, 397
England, oyster-culture in	393-401	Pollio, Domenico	365, 405
English oysters, grades of	400	Portugal and Spain, oyster-culture in	366-370
European system, summary of	406	Production in Holland	384, 385
Falmouth	400	Röm	370, 373
Faversham	399, 400	Sables d'Olonne	359
Feddersen, Messrs	405	San Martín de Noya Bay	366
Fishery orders in England	396	San Nicolas de Neda Bay	366
Föhr	373	Santa Luccia	366
Fryer, W	405	Santander	366
Fusaro, Lake	358, 363, 364, 365	Schelde	361, 382, 383, 384, 386
Genoa, Gulf	358	Schleswig	379, 380
Germany, oyster-culture in	370-380	Sheppey, isle of	393
Goes	385, 386	Smith, J	405
Grades of English oysters	400	Soudre	376
Graells, M	367	Spain and Portugal, oyster-culture in	366-370
Hamman, M	405	Stichert & Strache	389
Havesham	393	Storm, E	405
Hayling Island	376, 395	Summary of European system	406
Herne Bay	399	Sylt	370, 373
Hoek, Dr	373, 387, 395	Tagus River	367, 369
Holland, oyster-culture in	381-388	Tarente	358, 359, 363, 364, 371, 394
Holstein Bank	377	Tarentine Gulf	358, 363
Hubrecht, Prof	404	Towse, T. Wrench	405
Husum	370, 371, 372, 373, 377, 378, 379	Trieste	358
Huxley, Prof	394, 395, 401, 404	Van Zoelan, Baron Grœninx	386, 405
Introduction	357	Van Nisse, Mr	367
Italy, oyster-culture in	358, 366	Venice	358
Jerseke	369, 379	Ver Nieuwe, Dr. Anselme	391
Kentish Flats	393, 397	Wanklyn, A. C	405
Kergurionné	374	Wattenmeer	370, 371, 373, 374, 375, 376, 377
Kiel	379, 380	Weinreich, Baurath	405
La Tremblade	376, 377, 378	Whitstable	369, 376, 393, 395, 396, 397, 398, 399
Lease of oyster-cultural property in Germany, abstract	380	Yvres River	389
Leasing oyster lands in Holland	387, 388	Zuyder Zee	381, 382

ON THE CLASSIFICATION OF THE MYXOSPORIDIA.

	Page.		Page.
Acerina cernua. (See <i>Gymnocephalus cernua</i> .)		<i>Myxobolus brevis</i>	416
<i>vulgaris</i> . (See <i>Gymnocephalus cernua</i> .)		<i>creplinii</i>	418
<i>Alburnus alburnus</i> , <i>Myxobolus obesus</i> in	415	<i>cycloides</i>	415
<i>Ameiurus melas</i> , <i>Myxobolus</i> sp. ad <i>linearis</i> affin. in ..	417	<i>diplurus</i>	418
<i>Aphredoderus sayanus</i> , <i>Myxobolus monurus</i> in	416	<i>ellipsoides</i>	414
<i>Catostomus tuberculatus</i> . (See <i>Erimyzon sucetta</i> .)		<i>globosus</i>	415
<i>Ceratomyxa</i>	411, 412, 420	<i>inequalis</i>	414
<i>sphaerulosa</i>	420	<i>kolesnikovi</i>	417
<i>Chloromyxidae</i>	412, 418	<i>linearis</i>	417
<i>Chloromyxum</i>	411, 412, 418	<i>lintoni</i>	414
?? <i>congru</i>	419	<i>macrurus</i>	416
<i>dujardini</i>	419	<i>medius</i>	416
<i>elegans</i>	419	<i>merlucii</i>	415
<i>fluviale</i>	418	<i>monurus</i>	416
<i>incisum</i>	419	<i>mugilis</i>	414
<i>leydigii</i>	418, 419	<i>mülleri</i>	414
<i>mucronatum</i>	419	<i>obesus</i>	415
<i>Coregonus fera</i> , <i>Myxobolus kolesnikovi</i> in	417	<i>oblongus</i>	414
<i>Myxobolus spheralis</i> in	415	<i>oviformis</i>	414
<i>Myxobolus</i> ?? <i>zschokkei</i> in	416	<i>perlatus</i>	415
<i>Cottus scorpio</i> , <i>Pleistophora typicalis</i> in	410	<i>piriformis</i>	414
<i>Cryptocystes</i>	409	<i>psorospermica</i>	418
<i>Cystodiscidae</i>	412, 413	<i>schizurus</i>	417
<i>Cystodiscus</i>	411, 412, 413	<i>spheralis</i>	415
? <i>diploxya</i>	411, 413	<i>strongylurus</i>	417
<i>immersus</i>	413	<i>transovalis</i>	415
<i>Cyprinodon variegatus</i> , <i>Myxobolus lintoni</i> in	414	<i>unicapsulatus</i>	414
<i>Cyprinus erythrophthalmus</i> . (See <i>Leuciscus</i> (S.) <i>ery-</i>		?? <i>zschokkei</i>	416
<i>rutilus</i> . (See <i>Leuciscus rutilus</i> .)		<i>Myxosoma</i> . (See <i>Mixosoma</i> .)	
<i>Erimyzon sucetta</i> , <i>Myxobolus oblongus</i> in	414	<i>Myxosporidiae</i> , synonym for <i>Myxobolidae</i>	413
<i>Myxobolus globosus</i> in	415	<i>Myxosporidium</i> , synonym for <i>Myxobolus</i>	413
<i>Esox lucius</i> , <i>Myxobolus schizurus</i> in	417	<i>merlucii</i> (see <i>Myxobolus merlucii</i>) ..	415
<i>Gadus lota</i> . (See <i>Lota lota</i> .)		<i>mugilis</i> (see <i>Myxobolus mugilis</i>)	414
<i>Glugea</i>	409	<i>Palæmonetes varians</i> , <i>Thélohania macrocystis</i> in	410
<i>anomala</i>	409	<i>Phenocystes</i>	409, 410
<i>destruens</i>	409	<i>Phoxinus funduloides</i> , <i>Myxobolus transovalis</i> in	415
<i>microspora</i> (synonym for <i>anomala</i>)	409	<i>Pimelodus blochii</i> . (See <i>P. clarias</i> .)	
<i>Glugeidae</i>	409	<i>clarias</i> , <i>Myxobolus inequalis</i> in	414
<i>Gymnocephalus cernua</i> , <i>Myxobolus creplinii</i> in	418	<i>sebae</i> . (See <i>Rhamdia sebae</i> .)	
<i>Myxobolus perlatus</i> in	418	<i>Platystoma fasciatum</i> . (See <i>Pseudoplatystoma fascia-</i>	
<i>Henneguya</i> (synonym for <i>Myxobolus</i>)	411, 412, 413	<i>tum</i> .)	
<i>Hybognathus nuchalis</i> , <i>Myxobolus macrurus</i> in	416	<i>Pleistophora</i>	409, 410
<i>Labeo nilotiens</i> , <i>Myxobolus unicapsulatus</i> in	414	<i>typicalis</i>	410
<i>Leptocephalus conger</i> , <i>Chloromyxum</i> ?? <i>congru</i> in	419	<i>Pseudoplatystoma fasciatum</i> , <i>Myxobolus linearis</i> in ..	417
<i>Lota lota</i> , <i>Myxobolus diplurus</i> in	418	<i>Pyralis viridana</i> . (See <i>Tortrix viridana</i> .)	
<i>Chloromyxum mucronatum</i> in	419	<i>Raja batis</i> , <i>Chloromyxum incisum</i> in	419
<i>Lota vulgaris</i> . (See <i>L. lota</i> .)		<i>Rhamdia sebae</i> , <i>Myxobolus linearis</i> in	417
<i>Leuciscus rutilus</i> , <i>Chloromyxum dujardini</i> in	419	<i>Silurus clarias</i> . (See <i>Pimelodus clarias</i> .)	
<i>Myxobolus cycloides</i> in	415	<i>Sphaerospora</i> , subgenus of <i>Chloromyxum</i> ...	411, 412, 418, 419
<i>erythrophthalmus</i> , <i>Chloromyxum dujardini</i> in ..	419	<i>Synodon</i>	417
<i>Mixosoma</i> (synonym for <i>Chloromyxum</i>)	411, 412, 418, 419	<i>Thélohania</i>	409, 410
<i>Myxidiidae</i>	412, 420	<i>contajeani</i>	410
<i>Myxidium</i>	411, 412, 420	<i>giardi</i>	410
<i>Heberkühni</i>	410, 420	<i>macrocystis</i>	410
? sp	420	<i>octospora</i>	410
<i>Myxobolidae</i>	412	<i>Tinca tinca</i> , <i>Myxobolus bicostatus</i> in	414
<i>Myxobolus</i>	411, 412, 413	<i>vulgaris</i> . (See <i>T. tinca</i> .)	
<i>bicostatus</i>	414	<i>Tortrix viridana</i> , <i>Cystodiscus</i> ? <i>diploxya</i> in	418