

Fishes of the Hudson River  
by Tom Lake, Wappingers Falls, New York

This is an outline version of this list. An annotated version appeared in Novitates, published by the Amer. Museum of Natural History as: C. Lavett Smith and Thomas R. Lake, Documentation of the Hudson River Fish Fauna, American Museum Novitates, No. 2981, August 9, 1990, 17 pp. The advantage of that paper over the following list is that it contains relatively specific indications of sites where listed species have been found. The annotated list would be compulsory for New York members or anyone contemplating a collecting trip. We're keeping it with our copy of Smith's indispensable Inland Fishes of New York State (N.Y. Dept. of Environmental Conservation, c. \$30).

You can obtain a copy of the annotated list ("Documentation...") from AMNH Library, Dept. D, Central Park W. at 79th St., New York, NY 10024, for \$2. List of back issues of Novitates, Bulletin, and other publications are available from that address. Tom Lake, Director of the Hudson River Fishermen's Association, is a member of NANFA.

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| <u>Petromyzontidae--Lampreys</u>                     | <u>Elopidae--Tarpons</u>                          |
| 1. Silver Lamprey, <i>Ichthyomyzon unicuspis</i>     | 13. Ladyfish, <i>Elops saurus</i>                 |
| 2. American Brook Lamprey, <i>Lampetra appendix</i>  | <u>Congridae--Conger Eels</u>                     |
| 3. Sea Lamprey, <i>Petromyzon marinus</i>            | 14. Conger Eel, <i>Conger oceanicus</i>           |
| <u>Carcharhinidae--Requiem Sharks</u>                | <u>Anguillidae--Freshwater Eels</u>               |
| 4. shark, <i>Carcharhinus</i> sp.                    | 15. American Eel, <i>Anguilla rostrata</i>        |
| <u>Triakidae--Houndsharks</u>                        | <u>Ophichthidae--Snake Eels</u>                   |
| 5. Smooth Dogfish, <i>Mustelus canis</i>             | 16. Speckled Worm Eel, <i>Myrophis punctatus</i>  |
| <u>Squalidae--Dogfish Sharks</u>                     | <u>Clupeidae--Herrings</u>                        |
| 6. Spiny Dogfish, <i>Squalus acanthias</i>           | 17. Blueback Herring, <i>Alosa aestivalis</i>     |
| <u>Rajidae--Skates</u>                               | 18. Hickory Shad, <i>Alosa mediocris</i>          |
| 7. Barndoor Skate, <i>Raja laevis</i>                | 19. Alewife, <i>Alosa pseudoharengus</i>          |
| 8. Little Skate, <i>Raja erinacea</i>                | 20. American Shad, <i>Alosa sapidissima</i>       |
| <u>Acipenseridae--Sturgeons</u>                      | 21. Atlantic Menhaden, <i>Brevoortia tyrannus</i> |
| 9. Shortnose Sturgeon, <i>Acipenser brevirostrum</i> | 22. Atlantic Herring, <i>Clupea harengus</i>      |
| 10. Atlantic Sturgeon, <i>Acipenser oxyrinchus</i>   | 23. Gizzard Shad, <i>Dorosoma cepedianum</i>      |
| 11. Longnose Gar, <i>Lepisostus osseus</i>           | 24. Round Herring, <i>Etrumeus teres</i>          |
| <u>Amiidae--Bowfins</u>                              | <u>Engraulidae--Anchovies</u>                     |
| 12. Bowfin, <i>Amia calva</i>                        | 25. Striped Anchovy, <i>Anchoa hepsetus</i>       |

26. Bay anchovy, *Anchoa mitchilli*

Umbridae--Mudminnows

27. Central Mudminnow, *Umbra limi*  
28. Eastern Mudminnow, *Umbra pygmaea*

Esocidae--Pikes

29. Redfin Pickerel, *Esox americanus americanus*  
30. Northern Pike, *Esox lucius*  
ALSO: "Tiger Muskellunge,"  
*Esox lucius* x *E. masquinongy*  
31. Chain Pickerel, *Esox niger*

Ictaluridae--Bullhead Catfishes

32. White Catfish, *Ictalurus catus*  
33. Yellow Bullhead, *Ictalurus natalis*  
34. Brown Bullhead, *Ictalurus nebulosus*  
35. Channel Catfish, *Ictalurus punctatus*  
36. Stonecat, *Noturus flavus*  
37. Tadpole Madtom, *Noturus gyrinus*  
38. Margined Madtom, *Noturus insignis*  
39. Brindled Madtom, *Noturus miurus*

Catostomidae--Suckers

40. Longnose Sucker, *Catostomus catostomus*  
41. White Sucker, *Catostomus commersoni*  
42. Creek Chubsucker, *Erimyzon oblongus*  
43. Northern Hogsucker, *Hypentelium nigricans*  
44. Shorthead Redhorse, *Moxostoma macrolepidotum*

Cyprinidae--Minnows

45. Goldfish, *Carassius auratus*  
46. Grass Carp, *Ctenopharyngodon idella*  
47. Common Carp, *Cyprinus carpio*  
48. Bitterling, *Rhodeus sericeus*  
49. Rudd, *Scardinius erythrophthalmus*  
50. Central Stoneroller, *Campostoma anomalum*  
51. Cutlips Minnow, *Exoglossum maxillingua*

52. Golden Shiner, *Notemigonus crysoleucas*

53. Lake Chub, *Couesius plumbeus*  
54. Hornyhead Chub, *Nocomis biguttatus*  
55. Eastern Blacknose Dace, *Rhinichthys atratulus*  
56. Longnose Dace, *Rhinichthys cataractae*  
57. Creek Chub, *Smotilus atromaculatus*  
58. Fallfish, *Semotilus corporalis*  
59. Pearl Dace, *Semotilus margarita*  
60. Redside Dace, *Clinostomus elongatus*  
61. Brassy Minnow, *Hybognathus hankinsoni*  
62. Eastern Silvery Minnow, *Hybognathus regius*  
63. Comely Shiner, *Notropis amoenus*  
64. Emerald Shiner, *Notropis atherinoides*  
65. Rosyface Shiner, *Notropis rubellus*  
66. Satinfish Shiner, *Notropis analostanus*  
67. Common Shiner, *Notropis cornutus*  
68. Spotfin Shiner, *Notropis spilopterus*  
69. Bridle Shiner, *Notropis bifrenatus*  
70. Blackchin Shiner, *Notropis heterodon*  
71. Blacknose Shiner, *Notropis heterolepis*  
72. Spottail Shiner, *Notropis hudsonius*  
73. Sand Shiner, *Notropis stramineus*  
74. Northern Redbelly Dace, *Phoxinus eos*  
75. Finescale Dace, *Phoxinus neogaeus*  
76. Bluntnose Minnow, *Pimephales notatus*  
77. Fathead Minnow, *Pimephales promelas*

Trouts--Salmonidae

78. Cisco, or Lake Herring, *Coregonus artedi*  
79. Lake Whitefish, *Coregonus clupeaformis*

- 80. Round Whitefish, *Prosopium cylindraceum*
- 81. Rainbow Trout, *Oxyrhynchus mykiss*
- 82. Kokanee, *Oncorhynchus nerca*
- 83. Chinook Salmon, *Oncorhynchus tshawytscha*
- 84. Atlantic Salmon, *Salmo salar*
- 85. Brown Trout, *Salmo trutta*
- 86. Brook Trout, *Salvelinus fontinalis*
- 87. Lake Trout, *Salvelinus namaycush*

Smelts--Osmeridae

- 88. Rainbow Smelt, *Osmerus mordax*

Lizardfishes--Synodontidae

- 89. Inshore Lizardfish, *Synodus foetens*

Batrachoididae--Toadfishes

- 90. Oyster Toadfish, *Opsanus tau*

Percopsidae--Trout-perches

- 91. Trout-perch, *Percopsis omiscomaycus*

Lophius americanus--Goosefishes

- 92. Goosefish, *Lophius americanus*

Gadidae--Codfishes

- 93. Fourbeard Rockling, *Enchelyopus cimbrius*
- 94. Atlantic Cod, *Gadus morhua*
- 95. Atlantic Tomcod, *Microgadus tomcod*
- 96. Pollock, *Pollachius virens*
- 97. Red Hake, *Urophycis chuss*
- 98. Spotted Hake, *Urophycis regia*
- 99. White Hake, *Urophycis tenuis*
- 100. Silver Hake, *Merluccius bilinearis*

Ophidiidae--Cusk-eels

- 101. Striped Cusk-eel, *Ophidion marginatum*

Belonidae--Needlefishes

- 102. Atlantic Needlefish, *Strongylura marina*

- 103. Houndfish, *Tylosurus crocodilis*

Cyprinodontidae--Killifishes

- 104. Sheepshead Minnow, *Cyprinodon variegatus*
- 105. Banded Killifish, *Fundulus diaphanus*
- 106. Mummichog, *Fundulus heteroclitus*
- 107. Striped Killifish, *Fundulus majalis*

Atherinidae--Siversides

- 108. Brook Silverside, *Labidesthes sicculus*
- 109. Rough Silverside, *Membras martinica*
- 110. Inland Silverside, *Menidia beryllina*
- 111. Atlantic Silverside, *Menidia menidia*

Fistulariidae--Cornetfishes

- 112. Bluespotted Cornetfish,

*Fistularia tabacaria*

Gasterosteidae--Sticklebacks

- 113. Fourspine Stickleback, *Apeltes quadracus*
- 114. Brook Stickleback, *Culaea inconstans*
- 115. Threespine Stickleback, *Gasterosteus aculeatus*
- 116. Ninespine Stickleback, *Pungitus pungitus*

Syngnathidae--Pipefishes

- 117. Lined Seahorse, *Hippocampus erectus*
- 118. Northern Pipefish, *Syngnathus fuscus*

Serranidae--Sea Basses

- 119. Black Sea Bass, *Centropristis striata*
- 120. Gag, *Mycteroperca microlepis*

Moronidae--River Basses

- 121. White Perch, *Morone americana*
- 122. White Bass, *Morone chrysops*
- 123. Striped Bass, *Morone saxatilis*

Centrarchidae--Sunfishes

- 124. Rock Bass, *Ambloplites rupestris*
- 125. Bluespotted Sunfish, *Enneacanthus gloriosus*
- 126. Banded Sunfish, *Enneacanthus obesus*
- 127. Redbreast Sunfish, *Lepomis aurita\**
- 128. Green Sunfish, *Lepomis cyanella\**
- 129. Pumpkinseed, *Lepomis gibbosa*
- 130. Warmouth, *Lepomis gulosus\**
- 131. Bluegill, *Lepomis macrochirus\**
- 132. Smallmouth Bass, *Micropterus dolomieu*
- 133. Largemouth Bass, *Micropterus salmoides*
- 134. White Crappie, *Pomoxis annularis*
- 135. Black Crappie, *Pomoxis nigromaculatus*

Percidae--Perches

- 136. Greenside Darter, *Etheostoma blennioides pholidotum*
- 137. Fantail Darter, *Etheostoma flabellare*
- 138. Tesselated Darter, *Etheostoma olmstedi*
- 139. Yellow Perch, *Perca flavescens*
- 140. Logperch, *Percina caprodes*
- 141. Shield Darter, *Percina peltata*
- 142. Walleye, *Stizostedion vitreum*

Priacanthidae--Bigeyes

- 143. Short Bigeye, *Pristigenys alta*

Pomatomidae--Bluefishes

- 144. Bluefish, *Pomatomus saltatrix*

Rachycentridae--Cobias

- 145. Cobia, *Rachycentron canadum*

Echeneidae--Remoras

- 146. Sharksucker, *Echeneis naucrates*

Carangidae--Jacks

- 147. Crevalle Jack, *Caranx hippos*
- 148. Atlantic Moonfish, *Selene setapinnis*
- 149. Lookdown, *Selene vomer*
- 150. Permit, *Trachinotus falcatus*

Lutjanidae--Snappers

- 151. Gray Snapper, *Lutjanus griseus*

Gerreidae--Mojarra

- 152. Spotfin Mojarra, *Eucinostomus argenteus*

Haemulidae--Grunts

- 153. Pigfish, *Orthopristis chrysoptera*

Sparidae--Porgies

- 154. Pinfish, *Lagodon rhomboides*
- 155. Scup, *Stenotomus chrysops*

Sciaenidae--Drums

- 156. Freshwater Drum, *Aplodinotus grunniens*
- 157. Silver Perch, *Bairdiella chrysoura*
- 158. Weakfish, *Cynoscion regalis*
- 159. Spot, *Leiostomus xanthurus*
- 160. Northern Kingfish, *Menticirrhus saxatilis*
- 161. Atlantic Croaker, *Micropogonias undulatus*

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\*It has recently been discovered or contended that Lepomis is not masculine, but feminine. For years the opposite has been assumed, as a result of which most species names have ended in the masculine "-us." The feminine ending is "-a," so taxonomic progressives like the authors appear ready to switch, and they have ended the asterisked species names "-a."  
--Ed.

Chaetodontidae--Butterflyfishes

162. Foureye Butterflyfish,  
Chaetodon capistratus  
163. Spotfin Butterflyfish,  
Chaetodon ocellatus

Labridae--Wrasses

164. Tautog, Tautoga onitis  
165. Cunner, Tautoga adspersus

Mugilidae--Mulletts

166. Striped Mullet, Mugil cephalus  
167. White Mullet, Mugil curema

Uranoscopidae--Stargazers

168. Northern Stargazer,  
Astroscopus guttatus

Blenniidae--Combtooth Blennies

169. Freckled Blenny, Hypsoblennius  
ionthas

Pholidae--Gunnels

170. Rock Gunnel, Pholis gunnelus

Ammodytidae--Sand Lances

171. American Sand Lance, Ammodytes  
americanus

Eleotridae--Sleepers

172. Fat Sleeper, Dormitator  
maculatus

Gobiidae--Gobies

173. Naked Goby, Gobiosoma bosc  
174. Seaboard Goby, Gobiosoma  
ginsburgi

Trichiuridae--Cutlassfishes

175. Atlantic Cutlassfish,  
Trichiurus lepturus

Scombridae--Mackerels

176. Atlantic Mackerel, Scomber  
scombrus  
177. Spanish Mackerel,  
Scomberomorus maculatus

Sphyraenidae--Barracudas

178. Northern Sennet, Sphyraena  
borealis

179. Guaguanche, Sphyraena  
gauchancho

Stromateidae--Butterfishes

180. Butterfish, Peprilus  
triacanthus

Cottidae--Sculpins

181. Slimy Sculpin, Cottus cognatus  
182. Sea Raven, Hemitripterus  
americanus  
183. Grubby, Myoxocephalus aeneus  
184. Longhorn Sculpin,  
Myoxocephalus octo-  
decemspinus

Triglidae--Searobins

185. Northern Searobin, Prionotus  
carolinus  
186. Striped Searobin, Prionotus  
evolans

Cyclopteridae--Snailfishes

187. Seasnail, Liparis atlanticus

Dactylopteridae--Flying Gurnards

188. Flying Gurnard, Dactylopterus  
volitans

Bothidae--Lefteye Flounders

189. Gulfstream Flounder,  
Citharichthys arctifrons  
190. Smallmouth Flounder, Etropus  
microstomus  
191. Summer Flounder (fluke),  
Paralichthys dentatus  
192. Fourspot Flounder,  
Paralichthys oblongus  
193. Windowpane, Scopthalmus  
aquosus

Pleuronectidae--Righteye Flounders

194. Winter Flounder,  
Pseudopleuronectes americanus  
195. Yellowtail Flounder, Limanda  
ferruginea

Soleidae--Soles

196. Hogchoker, Trinectes maculatus

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HUDSON RIVER FISHES, from page 27.

Balistidae--Leatherjackets

197. Orange Filefish, *Aluterus schoepfi*  
198. Planehead Filefish, *Monacanthus hispidus*

Tetraodontidae--Puffers

199. Smooth Puffer, *Lagocephalus laevigatus*

200. Northern Puffer, *Sphoeroides maculatus*

Diodontidae--Porcupinefishes

201. Striped Burrfish, *Chilomycterus schoepfi*

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