

## Checklist of the Cichlid Fishes of Lake Malawi (Lake Nyasa/Niassa)

by Michael K. Oliver, Ph.D.

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The cichlids of Lake Malawi constitute the largest vertebrate species flock (or complex of flocks), and largest lacustrine fish fauna, on earth. This list includes all cichlid species (and the few subspecies) that have been given formal scientific names. Many – several hundred – additional endemic cichlid species are known but still undescribed, and this fact must be considered in assessing the biodiversity of the lake. Additional undescribed species are still frequently being discovered, particularly in previously unexplored locations and in deep water. The entire Lake Malawi cichlid meta-flock is composed of two, possibly separate, endemic clades, the “Hap” species flock and the Mbuna species flock. Membership in one or the other endemic flock, or nonendemic status, is indicated for each genus, as is the type species of each endemic genus. The 57 genera and the 392 species and subspecies are numbered separately. Nearly all species are endemic to L. Malawi, in some cases extending also into the upper Shiré River including Lake Malombe. The nonendemic species number only four to six — *Astatotilapia calliptera*, *Serranochromis robustus*, *Oreochromis shiranus* (which is, however, represented in the Lake by an endemic subspecies), *Tilapia rendalli*, and two doubtfully occurring fishes, *T. sparrmanii* and *Pseudocrenilabrus p. philander*. Photographs of many of these fishes, and complete bibliographic citations of the taxonomic publications, are available on the author’s Web site at <http://malawicichlids.com/>.

**1. *Alticorpus*** Stauffer & McKaye, 1988 — Endemic: “Hap” flock.

1. *Alticorpus geoffreyi* Snoeks & Walapa, 2004
2. *Alticorpus macrocleithrum* (Stauffer & McKaye, 1985)
3. *Alticorpus mentale* Stauffer & McKaye, 1988 type species
4. *Alticorpus pectinatum* Stauffer & McKaye, 1988
5. *Alticorpus peterdaviesi* (Burgess & Axelrod, 1973)
6. *Alticorpus profundicola* Stauffer & McKaye, 1988

**2. *Aristochromis*** Trewavas, 1935 — Endemic: “Hap” flock.

7. *Aristochromis christyi* Trewavas, 1935 type species

**3. *Astatotilapia*** Pellegrin, 1904 — Nonendemic.

8. *Astatotilapia calliptera* (Günther, 1894)

**4. *Aulonocara*** Regan, 1922 — Endemic: “Hap” flock.

9. *Aulonocara aquilonium* Konings, 1995
10. *Aulonocara auditor* (Trewavas, 1935)
11. *Aulonocara baenschi* Meyer & Riehl, 1985
12. *Aulonocara brevividus* Konings, 1995
13. *Aulonocara brevirostris* (Trewavas, 1935)
14. *Aulonocara ethelwynnae* Meyer, Riehl, & Zetzsche, 1987
15. *Aulonocara gertrudae* Konings, 1995
16. *Aulonocara guentheri* Eccles, 1989

17. *Aulonocara hansbaenschi* Meyer, Riehl, & Zetzsche, 1987
18. *Aulonocara hueseri* Meyer, Riehl, & Zetzsche, 1987
19. *Aulonocara jacobfreibergi* (Johnson, 1974)
20. *Aulonocara koningsi* Tawil, 2003
21. *Aulonocara korneliae* Meyer, Riehl, & Zetzsche, 1987
22. *Aulonocara macrochir* Trewavas, 1935
23. *Aulonocara maylandi maylandi* Trewavas, 1984
24. *Aulonocara maylandi kandeensis* Tawil & Allgayer, 1987
25. *Aulonocara nyassae* Regan, 1922 type species
26. *Aulonocara rostratum* Trewavas, 1935
27. *Aulonocara saulosi* Meyer, Riehl, & Zetzsche, 1987
28. *Aulonocara steveni* Meyer, Riehl, & Zetzsche, 1987
29. *Aulonocara stuartgranti* Meyer & Riehl, 1985
30. *Aulonocara trematocephala* (Boulenger, 1901)

**5. *Buccochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

31. *Buccochromis atritaeniatus* (Regan, 1922)
32. *Buccochromis heterotaenia* (Trewavas, 1935)
33. *Buccochromis lepturus* (Regan, 1922)
34. *Buccochromis nototaenia* (Boulenger, 1902) type species
35. *Buccochromis oculatus* (Trewavas, 1935)
36. *Buccochromis rhoadesii* (Boulenger, 1908)
37. *Buccochromis spectabilis* (Trewavas, 1935)

**6. *Caprichromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

38. *Caprichromis liemi* (McKaye & Mackenzie, 1982)
39. *Caprichromis orthognathus* (Trewavas, 1935) type species

**7. *Champsochromis*** Boulenger, 1915 — Endemic: “Hap” flock.

40. *Champsochromis caeruleus* (Boulenger, 1908) type species
41. *Champsochromis spilorrhynchus* (Regan, 1922)

**8. *Cheilochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

42. *Cheilochromis euchilus* (Trewavas, 1935) type species

**9. *Chilotilapia*** Boulenger, 1908 — Endemic: “Hap” flock.

43. *Chilotilapia rhoadesii* Boulenger, 1908 type species

**10. *Copadichromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

44. *Copadichromis atripinnis* Stauffer & Sato, 2002
45. *Copadichromis azureus* Konings, 1990
46. *Copadichromis borleyi* (Iles, 1960)
47. *Copadichromis chizumuluensis* Stauffer & Konings, 2006
48. *Copadichromis chrysonotus* (Boulenger, 1908)

49. *Copadichromis cyaneus* (Trewavas, 1935)
50. *Copadichromis cyanocephalus* Stauffer & Konings, 2006
51. *Copadichromis diplostigma* Stauffer & Konings, 2006
52. *Copadichromis geertsi* Konings, 1999
53. *Copadichromis ilesi* Konings, 1999
54. *Copadichromis insularis* Stauffer & Konings, 2006
55. *Copadichromis jacksoni* (Iles, 1960)
56. *Copadichromis likomae* (Iles, 1960)
57. *Copadichromis mbenjii* Konings, 1990
58. *Copadichromis melas* Stauffer & Konings, 2006
59. *Copadichromis mloto* (Iles, 1960)
60. *Copadichromis nkatae* (Iles, 1960)
61. *Copadichromis parvus* Stauffer & Konings, 2006
62. *Copadichromis pleurostigma* (Trewavas, 1935)
63. *Copadichromis pleurostigmoides* (Iles, 1960)
64. *Copadichromis quadrimaculatus* (Regan, 1922) type species
65. *Copadichromis trewavasae* Konings, 1999
66. *Copadichromis trimaculatus* (Iles, 1960)
67. *Copadichromis verduyni* Konings, 1990
68. *Copadichromis virginalis* (Iles, 1960)

**11. *Corematodus*** Boulenger, 1897 — Endemic: “Hap” flock.

69. *Corematodus shiranus* Boulenger, 1897 type species
70. *Corematodus taeniatus* Trewavas, 1935

**12. *Ctenopharynx*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

71. *Ctenopharynx intermedius* (Günther, 1864) type species
72. *Ctenopharynx nitidus* (Trewavas, 1935)
73. *Ctenopharynx pictus* (Trewavas, 1935)

**13. *Cyathochromis*** Trewavas, 1935 — Endemic: Mbuna flock.

74. *Cyathochromis obliquidens* Trewavas, 1935 type species

**14. *Cynotilapia*** Regan, 1922 [Synonym: *Microchromis* Johnson] — Endemic: Mbuna flock.

75. *Cynotilapia afra* (Günther, 1894) type species
76. *Cynotilapia axelrodi* Burgess, 1976
77. *Cynotilapia pulpican* Tawil, 2002
78. *Cynotilapia zebroides* (Johnson, 1975)

**15. *Cyrtocara*** Boulenger, 1902 — Endemic: “Hap” flock.

79. *Cyrtocara moorii* Boulenger, 1902 type species

**16. *Dimidiochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

80. *Dimidiochromis compressiceps* (Boulenger, 1908)

- 81. *Dimidiochromis dimidiatus* (Günther, 1864)
- 82. *Dimidiochromis kiwinge* (Ahl, 1926)
- 83. *Dimidiochromis strigatus* (Regan, 1922) type species

**17. *Diplotaxodon*** Trewavas, 1935 — Endemic: “Hap” flock.

- 84. *Diplotaxodon aeneus* Turner & Stauffer, 1998
- 85. *Diplotaxodon apogon* Turner & Stauffer, 1998
- 86. *Diplotaxodon argenteus* Trewavas, 1935 type species
- 87. *Diplotaxodon ecclesi* Burgess & Axelrod, 1973
- 88. *Diplotaxodon greenwoodi* Stauffer & McKaye, 1986
- 89. *Diplotaxodon limnothrissa* Turner, 1994
- 90. *Diplotaxodon macrops* Turner & Stauffer, 1998

**18. *Docimodus*** Boulenger, 1897 — Endemic: “Hap” flock.

- 91. *Docimodus evelynae* Eccles & Lewis, 1976
- 92. *Docimodus johnstonii* Boulenger, 1897 type species

**19. *Electochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 93. *Electochromis festivus* (Trewavas, 1935)
- 94. *Electochromis lobocheilus* (Trewavas, 1935)
- 95. *Electochromis ornatus* (Regan, 1922) type species

**20. *Exochochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 96. *Exochochromis anagenys* Oliver, 1989 type species

**21. *Fossorochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 97. *Fossorochromis rostratus* (Boulenger, 1899) type species

**22. *Genyochromis*** Trewavas, 1935 — Endemic: Mbuna flock.

- 98. *Genyochromis mento* Trewavas, 1935 type species

**23. *Gephyrochromis*** Boulenger, 1901 [Synonym: *Christyella* Trewavas, 1935] — Endemic: Mbuna flock.

- 99. *Gephyrochromis lawsi* Fryer, 1957
- 100. *Gephyrochromis moorii* Boulenger, 1901 type species

**24. *Hemitaeniochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 101. *Hemitaeniochromis urotaenia* (Regan, 1922) type species

**25. *Hemitalapia*** Boulenger, 1902 — Endemic: “Hap” flock.

- 102. *Hemitalapia oxyrhynchus* Boulenger, 1902 type species

**26. *Iodotropheus*** Oliver & Loiselle, 1972 — Endemic: Mbuna flock.

- 103. *Iodotropheus declivitas* Stauffer, 1994
- 104. *Iodotropheus sprengerae* Oliver & Loiselle, 1972 type species
- 105. *Iodotropheus stuartgranti* Konings, 1990

**27. *Labeotropheus*** Ahl, 1926 — Endemic: Mbuna flock.

- 106. *Labeotropheus fuelleborni* Ahl, 1926 type species
- 107. *Labeotropheus trewavasae* Fryer, 1956

**28. *Labidochromis*** Trewavas, 1935 — Endemic: Mbuna flock.

- 108. *Labidochromis caeruleus* Fryer, 1956
- 109. *Labidochromis chisumulae* Lewis, 1982
- 110. *Labidochromis flavigulis* Lewis, 1982
- 111. *Labidochromis freibergi* Johnson, 1974
- 112. *Labidochromis gigas* Lewis, 1982
- 113. *Labidochromis heterodon* Lewis, 1982
- 114. *Labidochromis ianthinus* Lewis, 1982
- 115. *Labidochromis lividus* Lewis, 1982
- 116. *Labidochromis maculicauda* Lewis, 1982
- 117. *Labidochromis mathotho* Burgess & Axelrod, 1976
- 118. *Labidochromis mbenjii* Lewis, 1982
- 119. *Labidochromis mylodon* Lewis, 1982
- 120. *Labidochromis pallidus* Lewis, 1982
- 121. *Labidochromis shiranus* Lewis, 1982
- 122. *Labidochromis strigatus* Lewis, 1982
- 123. *Labidochromis textilis* Oliver, 1975
- 124. *Labidochromis vellicans* Trewavas, 1935 type species
- 125. *Labidochromis zebroides* Lewis, 1982

**29. *Lethrinops*** Regan, 1922 — Endemic: “Hap” flock.

- 126. *Lethrinops albus* Regan, 1922
- 127. *Lethrinops altus* Trewavas, 1931
- 128. *Lethrinops argenteus* Ahl, 1926
- 129. *Lethrinops auritus* (Regan, 1922)
- 130. *Lethrinops christyi* Trewavas, 1931
- 131. *Lethrinops furcifer* Trewavas, 1931
- 132. *Lethrinops gossei* Burgess & Axelrod, 1973
- 133. *Lethrinops leptodon* Regan, 1922
- 134. *Lethrinops lethrinus* (Günther, 1894) type species
- 135. *Lethrinops longimanus* Trewavas, 1931
- 136. *Lethrinops longipinnis* Eccles & Lewis, 1978
- 137. *Lethrinops lunaris* Trewavas, 1931
- 138. *Lethrinops macracanthus* Trewavas, 1931
- 139. *Lethrinops macrochir* (Regan, 1922)

- 140. *Lethrinops macrophthalmus* (Boulenger, 1908)
- 141. *Lethrinops marginatus* Ahl, 1926
- 142. *Lethrinops micrentodon* (Regan, 1922)
- 143. *Lethrinops microdon* Eccles & Lewis, 1977
- 144. *Lethrinops microstoma* Trewavas, 1931
- 145. *Lethrinops mylodon mylodon* Eccles & Lewis, 1979
- 146. *Lethrinops mylodon borealis* Eccles & Lewis, 1979
- 147. *Lethrinops oculatus* Trewavas, 1931
- 148. *Lethrinops parvidens* Trewavas, 1931
- 149. *Lethrinops stridei* Eccles & Lewis, 1977
- 150. *Lethrinops turneri* Ngatunga & Snoeks, 2003

**30. *Lichnochromis*** Trewavas, 1935 — Endemic: “Hap” flock.

- 151. *Lichnochromis acuticeps* Trewavas, 1935 type species

**31. *Maylandia*** Meyer & Foerster, 1984 [Synonym: *Metriaclima* Stauffer, Bowers, Kellogg, & McKaye (1997); see Eschmeyer’s online *Catalog of Fishes* at <http://www.calacademy.org/research/ichthyology/catalog/index.html>] — Endemic: Mbuna flock.

Note: Originally proposed as a subgenus of *Pseudotropheus*.

- 152. *Maylandia aurora* (Burgess, 1976)
- 153. *Maylandia barlowi* (McKaye & Stauffer, 1986)
- 154. *Maylandia benetos* (Stauffer, Bowers, Kellogg, & McKaye, 1997)
- 155. *Maylandia callainos* (Stauffer & Hert, 1992)
- 156. *Maylandia chrysomallos* (Stauffer, Bowers, Kellogg, & McKaye, 1997)
- 157. *Maylandia crabro* (Ribbink & Lewis, 1982)
- 158. *Maylandia cyneusmarginata* (Stauffer, Bowers, Kellogg, & McKaye, 1997)
- 159. *Maylandia elegans* (Trewavas, 1935)
- 160. *Maylandia emmiltos* (Stauffer, Bowers, Kellogg, & McKaye, 1997)
- 161. *Maylandia estherae* (Konings, 1995)
- 162. *Maylandia fainzilberi* (Staeck, 1976)
- 163. *Maylandia flavifemina* (Konings & Stauffer, 2006)
- 164. *Maylandia greshakei* (Meyer & Foerster, 1984) type species
- 165. *Maylandia hajomaylandi* (Meyer & Scharl, 1984)
- 166. *Maylandia heteropicta* (Staeck, 1980)
- 167. *Maylandia lanisticola* (Burgess, 1976)
- 168. *Maylandia livingstonii* (Boulenger, 1899)
- 169. *Maylandia lombardoi* (Burgess, 1977)
- 170. *Maylandia mbenjii* (Stauffer, Bowers, Kellogg, & McKaye, 1997)
- 171. *Maylandia melabranchion* (Stauffer, Bowers, Kellogg, & McKaye, 1997)
- 172. *Maylandia phaeos* (Stauffer, Bowers, Kellogg, & McKaye, 1997)
- 173. *Maylandia pursa* (Stauffer, 1991)
- 174. *Maylandia pyrsonotos* (Stauffer, Bowers, Kellogg, & McKaye, 1997)
- 175. *Maylandia sandaracinos* (Stauffer, Bowers, Kellogg, & McKaye, 1997)
- 176. *Maylandia thapsinogen* (Stauffer, Bowers, Kellogg, & McKaye, 1997)

177. *Maylandia xanostomachus* (Stauffer & Boltz, 1989)  
178. *Maylandia zebra* (Boulenger, 1899)

**32. *Mchenga*** Stauffer & Konings, 2006 — Endemic: “Hap” flock.

179. *Mchenga conophoros* (Stauffer, LoVullo, & McKaye, 1993)  
180. *Mchenga cyclicos* (Stauffer, LoVullo, & McKaye, 1993) type species  
181. *Mchenga eucinostomus* (Regan, 1922)  
182. *Mchenga flavimanus* (Iles, 1960)  
183. *Mchenga inornata* (Boulenger, 1908)  
184. *Mchenga thinos* (Stauffer, LoVullo, & McKaye, 1993)

**33. *Melanochromis*** Trewavas, 1935 — Endemic: Mbuna flock.

185. *Melanochromis auratus* (Boulenger, 1897)  
186. *Melanochromis baliodigma* Bowers & Stauffer, 1997  
187. *Melanochromis benetos* Bowers & Stauffer, 1997  
188. *Melanochromis brevis* Trewavas, 1935  
189. *Melanochromis chipokae* Johnson, 1975  
190. *Melanochromis cyaneorhabdos* Bowers & Stauffer, 1997  
191. *Melanochromis dialeptos* Bowers & Stauffer, 1997  
192. *Melanochromis elastodema* Bowers & Stauffer, 1997  
193. *Melanochromis heterochromis* Bowers & Stauffer, 1993  
194. *Melanochromis interruptus* Johnson, 1975  
195. *Melanochromis joanjohnsonae* (Johnson, 1974)  
196. *Melanochromis johannii* (Eccles, 1973)  
197. *Melanochromis kaskazini* Konings-Dudin, Konings, & Stauffer, 2009  
198. *Melanochromis labrosus* Trewavas, 1935  
199. *Melanochromis lepidiadaptes* Bowers & Stauffer, 1997  
200. *Melanochromis loriae* Johnson, 1975  
201. *Melanochromis melanopterus* Trewavas, 1935 type species  
202. *Melanochromis mellitus* Johnson, 1976  
203. *Melanochromis mossambiquensis* Konings-Dudin, Konings, & Stauffer, 2009  
204. *Melanochromis parallelus* Burgess & Axelrod, 1976  
205. *Melanochromis perileucos* Bowers & Stauffer, 1997  
206. *Melanochromis robustus* Johnson, 1986  
207. *Melanochromis simulans* Eccles, 1973  
208. *Melanochromis vermivorus* Trewavas, 1935  
209. *Melanochromis wochepa* Konings-Dudin, Konings, & Stauffer, 2009  
210. *Melanochromis xanthodigma* Bowers & Stauffer, 1997

**34. *Mylochromis*** Regan, 1922 [Synonym: *Maravichromis* Eccles & Trewavas, 1989] — Endemic: “Hap” flock.

211. *Mylochromis anaphyrmus* (Burgess & Axelrod, 1973)  
212. *Mylochromis balteatus* (Trewavas, 1935)

- 213. *Mylochromis chekopae* Turner & Howarth, 2001
- 214. *Mylochromis ensatus* Turner & Howarth, 2001
- 215. *Mylochromis epichorialis* (Trewavas, 1935)
- 216. *Mylochromis ericotaenia* (Regan, 1922)
- 217. *Mylochromis formosus* (Trewavas, 1935)
- 218. *Mylochromis guentheri* (Regan, 1922)
- 219. *Mylochromis incola* (Trewavas, 1935)
- 220. *Mylochromis labidodon* (Trewavas, 1935)
- 221. *Mylochromis lateristriga* (Günther, 1864) type species
- 222. *Mylochromis melanotaenia* (Regan, 1922)
- 223. *Mylochromis mola* (Trewavas, 1935)
- 224. *Mylochromis mollis* (Trewavas, 1935)
- 225. *Mylochromis obtusus* (Trewavas, 1935)
- 226. *Mylochromis plagiotaenia* (Regan, 1922)
- 227. *Mylochromis semipalatus* (Trewavas, 1935)
- 228. *Mylochromis sphaerodon* (Regan, 1922)

**35. *Naevochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 229. *Naevochromis chrysogaster* (Trewavas, 1935) type species

**36. *Nimbochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 230. *Nimbochromis fuscotaeniatus* (Regan, 1922) Note: May belong in *Tyrannochromis*.
- 231. *Nimbochromis linni* (Burgess & Axelrod, 1974)
- 232. *Nimbochromis livingstonii* (Günther, 1894) type species
- 233. *Nimbochromis maculimanus* (Regan, 1922)
- 234. *Nimbochromis pardalis* (Trewavas, 1935)
- 235. *Nimbochromis polystigma* (Regan, 1922)
- 236. *Nimbochromis venustus* (Boulenger, 1908)

**37. *Nyassachromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 237. *Nyassachromis boadzulu* (Iles, 1960)
- 238. *Nyassachromis breviceps* (Regan, 1922) type species
- 239. *Nyassachromis leuciscus* (Regan, 1922)
- 240. *Nyassachromis microcephalus* (Trewavas, 1935)
- 241. *Nyassachromis nigritaeniatus* (Trewavas, 1935)
- 242. *Nyassachromis prostoma* (Trewavas, 1935)
- 243. *Nyassachromis purpurans* (Trewavas, 1935)
- 244. *Nyassachromis serenus* (Trewavas, 1935)

**38. *Oreochromis*** Günther, 1889 — Nonendemic genus. Except for *O. shiranus*, all L. Malawi species have been placed in the subgenus *Nyasalapia*, which also includes species not found in L. Malawi. However, according to Eschmeyer’s *Catalog of the Genera of Recent Fishes*, the name *Nyasalapia* is not available because it was published with no included species and no description. Therefore, this widely used subgeneric name is enclosed in quotation marks below.

- 245. *Oreochromis* (“*Nyasalapia*”) *karongae* (Trewavas, 1941) — Endemic species. Synonym: *Oreochromis*

(“*Nyasalapia*”) *saka* (Lowe, 1953).

246. *Oreochromis* (“*Nyasalapia*”) *lidole* (Trewavas, 1941) — Endemic species, except also occurs in the crater lakes L. Kingiri and L. Chungururu in the Rungwe Mtns. in Tanzania some 50 km north of L. Malawi.
247. *Oreochromis* (“*Nyasalapia*”) *squamipinnis* (Günther, 1864) — Endemic species.
248. *Oreochromis* (*Oreochromis*) *shiranus shiranus* Boulenger, 1897 — Endemic subspecies of a nonendemic species. *O. shiranus* is composed of two subspecies: *O. s. shiranus*, endemic to the Lake Malawi basin (including inflowing rivers and the upper Shiré River), and *O. s. chilwae*, endemic to Lakes Chilwa and Chiuta.

**39. *Otopharynx*** Regan, 1920 — Endemic: “Hap” flock.

249. *Otopharynx antron* Cleaver, Konings, & Stauffer, 2009
250. *Otopharynx argyrosoma* (Regan, 1922)
251. *Otopharynx auromarginatus* (Boulenger, 1908) type species
252. *Otopharynx brooksi* Oliver, 1989
253. *Otopharynx decorus* (Trewavas, 1935)
254. *Otopharynx heterodon* (Trewavas, 1935)
255. *Otopharynx lithobates* Oliver, 1989 [synonym: *O. walteri* Konings, 1990]
256. *Otopharynx ovatus* (Trewavas, 1935)
257. *Otopharynx pachycheilus* Arnegard & Snoeks, 2001
258. *Otopharynx selenurus* Regan, 1922
259. *Otopharynx speciosus* (Trewavas, 1935)
260. *Otopharynx spelaeotes* Cleaver, Konings, & Stauffer, 2009
261. *Otopharynx tetraspilus* (Trewavas, 1935)
262. *Otopharynx tetrastigma* (Günther, 1894)

**40. *Pallidochromis*** Turner, 1994 — Endemic: “Hap” flock.

263. *Pallidochromis tokolosh* Turner, 1994 type species

**41. *Petrotilapia*** Trewavas, 1935 — Endemic: Mbuna flock.

264. *Petrotilapia chrysos* Stauffer & van Snik, 1996
265. *Petrotilapia genalutea* Marsh, 1983
266. *Petrotilapia microgalana* Ruffing, Lambert, & Stauffer, 2006
267. *Petrotilapia nigra* Marsh, 1983
268. *Petrotilapia tridentiger* Trewavas, 1935 type species

**42. *Placidochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

269. *Placidochromis acuticeps* Hanssens, 2004
270. *Placidochromis acutirostris* Hanssens, 2004
271. *Placidochromis argyrogaster* Hanssens, 2004
272. *Placidochromis boops* Hanssens, 2004
273. *Placidochromis borealis* Hanssens, 2004
274. *Placidochromis chilolae* Hanssens, 2004
275. *Placidochromis communis* Hanssens, 2004
276. *Placidochromis domirae* Hanssens, 2004
277. *Placidochromis ecclesi* Hanssens, 2004

278. *Placidochromis electra* (Burgess, 1979)
279. *Placidochromis elongatus* Hanssens, 2004
280. *Placidochromis fuscus* Hanssens, 2004
281. *Placidochromis hennydaviesae* (Burgess & Axelrod, 1973)
282. *Placidochromis intermedius* Hanssens, 2004
283. *Placidochromis johnstoni* (Günther, 1894)
284. *Placidochromis koningsi* Hanssens, 2004
285. *Placidochromis lineatus* Hanssens, 2004
286. *Placidochromis longimanus* (Trewavas, 1935) type species
287. *Placidochromis longirostris* Hanssens, 2004
288. *Placidochromis longus* Hanssens, 2004
289. *Placidochromis lukomae* Hanssens, 2004
290. *Placidochromis macroceps* Hanssens, 2004
291. *Placidochromis macrognathus* Hanssens, 2004
292. *Placidochromis mbunoides* Hanssens, 2004
293. *Placidochromis milomo* Oliver, 1989
294. *Placidochromis minor* Hanssens, 2004
295. *Placidochromis minutus* Hanssens, 2004
296. *Placidochromis msakae* Hanssens, 2004
297. *Placidochromis nigribarbis* Hanssens, 2004
298. *Placidochromis nkhatatae* Hanssens, 2004
299. *Placidochromis nkhotakotae* Hanssens, 2004
300. *Placidochromis obscurus* Hanssens, 2004
301. *Placidochromis ordinarius* Hanssens, 2004
302. *Placidochromis orthognathus* Hanssens, 2004
303. *Placidochromis pallidus* Hanssens, 2004
304. *Placidochromis phenochilus* (Trewavas, 1935)
305. *Placidochromis platyrhynchos* Hanssens, 2004
306. *Placidochromis polli* (Burgess & Axelrod, 1973)
307. *Placidochromis rotundifrons* Hanssens, 2004
308. *Placidochromis stonemani* (Burgess & Axelrod, 1973)
309. *Placidochromis subocularis* (Günther, 1894)
310. *Placidochromis trewavasae* Hanssens, 2004
311. *Placidochromis turneri* Hanssens, 2004
312. *Placidochromis vulgaris* Hanssens, 2004

**43. *Platygnathochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

313. *Platygnathochromis melanonotus* (Regan, 1922) type species

**44. *Protomelas*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

314. *Protomelas annectens* (Regan, 1922)
315. *Protomelas dejectus* Stauffer, 1993
316. *Protomelas fenestratus* (Trewavas, 1935)
317. *Protomelas insignis* (Trewavas, 1935)

- 318. *Protomelas kirkii* (Günther, 1894) type species
- 319. *Protomelas labridens* (Trewavas, 1935)
- 320. *Protomelas macrodon* Eccles, 1989
- 321. *Protomelas marginatus marginatus* (Trewavas, 1935)
- 322. *Protomelas marginatus vuae* (Trewavas, 1935)
- 323. *Protomelas pleurotaenia* (Boulenger, 1901)
- 324. *Protomelas similis* (Regan, 1922)
- 325. *Protomelas spilonotus* (Trewavas, 1935)
- 326. *Protomelas spilopterus* (Trewavas, 1935)
- 327. *Protomelas taeniolatus* (Trewavas, 1935)
- 328. *Protomelas triaenodon* (Trewavas, 1935)
- 329. *Protomelas virgatus* (Trewavas, 1935)

**45. *Pseudocrenilabrus*** Fowler, 1934 — Nonendemic.

- 330. *Pseudocrenilabrus philander philander* (Weber, 1897) Note: This genus and species is listed as occurring in L. Malawi by CLOFFA, *Checklist of the Freshwater Fishes of Africa*; see <http://www.fishbase.org/Summary/SpeciesSummary.cfm?ID=6891&genusname=Pseudocrenilabrus&speciesname=philander%20philander>. No literature or specimen citation was provided in support of this listing. The occurrence of this species in Lake Malawi seems doubtful and should be substantiated by a museum specimen.

**46. *Pseudotropheus*** Regan, 1922 — Endemic: Mbuna flock. Note: Many additional species were formerly placed in *Pseudotropheus* within two groups originally proposed as subgenera, *Maylandia* and *Tropheops*, both now recognized as full genera (which see). It is thought that some of the species included below belong in *Pseudotropheus* sensu stricto, but that others below may eventually reside in other genera.

- 331. *Pseudotropheus ater* Stauffer, 1988
- 332. *Pseudotropheus cyaneus* Stauffer, 1988
- 333. *Pseudotropheus demasoni* Konings, 1994
- 334. *Pseudotropheus elongatus* Fryer, 1956
- 335. *Pseudotropheus flavus* Stauffer, 1988
- 336. *Pseudotropheus fuscoides* Fryer, 1956
- 337. *Pseudotropheus fuscus* Trewavas, 1935
- 338. *Pseudotropheus galanos* Stauffer & Kellogg, 2002
- 339. *Pseudotropheus longior* Seegers, 1996
- 330. *Pseudotropheus lucerna* Trewavas, 1935
- 341. *Pseudotropheus minutus* Fryer, 1956
- 342. *Pseudotropheus modestus* Johnson, 1974
- 343. *Pseudotropheus perspicax* (Trewavas, 1935)
- 344. *Pseudotropheus purpuratus* Johnson, 1976
- 345. *Pseudotropheus saulosi* Konings, 1990
- 346. *Pseudotropheus socolofi* Johnson, 1974
- 347. *Pseudotropheus tursiops* Burgess & Axelrod, 1975
- 348. *Pseudotropheus williamsi* (Günther, 1894) type species

**47. *Rhamphochromis*** Regan, 1922 — Endemic: “Hap” flock.

- 349. *Rhamphochromis brevis* Trewavas, 1935

- 350. *Rhamphochromis esox* (Boulenger, 1908)
- 351. *Rhamphochromis ferox* Regan, 1922
- 352. *Rhamphochromis leptosoma* Regan, 1922
- 353. *Rhamphochromis longiceps* (Günther, 1864) type species
- 354. *Rhamphochromis lucius* Ahl, 1926
- 355. *Rhamphochromis macrophthalmus* Regan, 1922
- 356. *Rhamphochromis woodi* Regan, 1922

**48. *Sciaenochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 357. *Sciaenochromis ahli* (Trewavas, 1935) type species
- 358. *Sciaenochromis benthicola* Konings, 1993
- 359. *Sciaenochromis fryeri* Konings, 1993
- 360. *Sciaenochromis gracilis* (Trewavas, 1935) Note: Sometimes classified in *Mylochromis*.
- 361. *Sciaenochromis psammophilus* Konings, 1993
- 362. *Sciaenochromis spilostichus* (Trewavas, 1935) Note: Sometimes classified in *Mylochromis*.

**49. *Serranochromis*** Regan, 1920 — Nonendemic.

- 363. *Serranochromis robustus robustus* (Günther, 1864)

**50. *Stigmatochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 364. *Stigmatochromis modestus* (Günther, 1894)
- 365. *Stigmatochromis pholidophorus* (Trewavas, 1935)
- 366. *Stigmatochromis pleurospilus* (Trewavas, 1935)
- 367. *Stigmatochromis woodi* (Regan, 1922) type species

**51. *Taeniochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 368. *Taeniochromis holotaenia* (Regan, 1922) type species

**52. *Taeniolethrinops*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 369. *Taeniolethrinops cyrtonotus* (Trewavas, 1931)
- 370. *Taeniolethrinops furcicauda* (Trewavas, 1931)
- 371. *Taeniolethrinops laticeps* (Trewavas, 1931)
- 372. *Taeniolethrinops praeorbitalis* (Regan, 1922) type species

**53. *Tilapia*** Smith, 1840 — Nonendemic.

- 373. *Tilapia rendalli* (Boulenger, 1897)
- 374. *Tilapia sparrmanii* Smith, 1840 Note: G. Bell-Cross (*The Fishes of Rhodesia*. National Museums and Monuments of Rhodesia, Salisbury, 1976: 236) reported this tilapia to occur in L. Malawi and the same statement was repeated by Bell-Cross and J. L. Minshull in the revised edition of the same book (*The Fishes of Zimbabwe*. National Museums and Monuments of Zimbabwe, Harare, 1988: 271). No supporting details or literature citation was provided. Its occurrence in Lake Malawi seems doubtful and needs to be substantiated by a museum specimen.

**54. *Tramitichromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

- 375. *Tramitichromis brevis* (Boulenger, 1908) type species
- 376. *Tramitichromis intermedia* (Trewavas, 1935)
- 377. *Tramitichromis lituris* (Trewavas, 1931)
- 378. *Tramitichromis trilineata* (Trewavas, 1931)

379. *Tramitichromis variabilis* (Trewavas, 1931)

**55. *Trematocranus*** Trewavas, 1935 — Endemic: “Hap” flock.

380. *Trematocranus labifer* (Trewavas, 1935)

381. *Trematocranus microstoma* Trewavas, 1935 type species

382. *Trematocranus placodon* (Regan, 1922)

**56. *Tropheops*** Trewavas, 1984 — Endemic: Mbuna flock. Note: Originally proposed as a subgenus of *Pseudotropheus*.

383. *Tropheops gracilior* (Trewavas, 1935)

384. *Tropheops macrophthalmus* (Ahl, 1926)

385. *Tropheops microstoma* (Trewavas, 1935)

386. *Tropheops novemfasciatus* (Regan, 1922)

387. *Tropheops tropheops romandi* (Colombe, 1979)

388. *Tropheops tropheops tropheops* (Regan, 1922)

**57. *Tyrannochromis*** Eccles & Trewavas, 1989 — Endemic: “Hap” flock.

389. *Tyrannochromis macrostoma* (Regan, 1922) type species

390. *Tyrannochromis maculiceps* (Ahl, 1926)

391. *Tyrannochromis nigriventer* Eccles, 1989

392. *Tyrannochromis polyodon* (Trewavas, 1935)