|  |  |  |
| --- | --- | --- |
| **Family** | **Pectoral Fin Absence** | **Pelvic Fin Absence** |
| Achiridae | X |  |
| Achiropsettidae | X |  |
| Amblyopsidae1 |  | X |
| Ammodytidae1 |  | X |
| Anarhichadidae1 |  | X |
| Anguillidae1 |  | X |
| Aphyonidae1 |  | X |
| Apteronotidae1 |  | X |
| Aracanidae4 |  | X |
| Balistidae1 |  | X |
| Belonidae1 |  | X |
| Blenniidae1 |  | X |
| Bythitidae1 |  | X |
| Carangidae1,3 |  | X |
| Carapidae1 | X | X |
| Caulophrynidae1 |  | X |
| Centrophrynidae1 |  | X |
| Ceratiidae1 |  | X |
| Cetomimidae1 |  | X |
| Channidae\* |  | X |
| Chaudhuriidae1 |  | X |
| Chlopsidae5 | X | X |
| Clariidae1 | X | X |
| Clupeidae1 |  | X |
| Colocongridae1 |  | X |
| Comephoridae1 |  | X |
| Congridae1, 10 | X | X |
| Cottidae1 |  | X |
| Creediidae1 |  | X |
| Cryptacanthodidae1 |  | X |
| Cyclopteridae1 |  | X |
| Cyematidae1 | X | X |
| Cynoglossidae\* | X | X |
| Cyprinodontidae1 |  | X |
| Derichthyidae1 |  | X |
| Diceratiidae1 |  | X |
| Diodontidae1 |  | X |
| Eigenmanniidae7 |  | X |
| Ereuniidae1 |  | X |
| Eurypharyngidae1 |  | X |
| Galaxiidae1 |  | X |
| Gasterosteidae\* |  | X |
| Gigantactinidae1 |  | X |
| Giganturidae1 |  | X |
| Gobiesocidae2 | X | X |
| Goodeidae\* |  | X |
| Gymnarchidae\* |  | X |
| Gymnotidae1,8 |  | X |
| Heterenchelyidae1 | X | X |
| Himantolophidae1 |  | X |
| Hypopomidae1 |  | X |
| Hypoptychidae1 |  | X |
| Icosteidae1 |  | X |
| Labridae1 |  | X |
| Linophrynidae1 |  | X |
| Liparidae9 |  | X |
| Lophotidae\* |  | X |
| Macrouridae1 |  | X |
| Mastacembelidae1 | X | X |
| Megalomycteridae1 |  | X |
| Melanocetidae1 |  | X |
| Molidae1 |  | X |
| Monacanthidae11 |  | X |
| Monodactylidae\* |  | X |
| Monognathidae1 | X | X |
| Moringuidae1 | X | X |
| Muraenesocidae12 |  | X |
| Muraenidae1 | X | X |
| Myrocongridae1 |  | X |
| Nemichthyidae1 |  | X |
| Neoceratiidae1 |  | X |
| Nettastomatidae1 | X | X |
| Notopteridae\* |  | X |
| Odacidae1 |  | X |
| Oneirodidae1 |  | X |
| Ophichthidae1 | X | X |
| Ophididae1 |  | X |
| Osteoglossidae\*\* |  | X |
| Ostraciidae1 |  | X |
| Parabrotulidae13 |  | X |
| Pataecidae1 |  | X |
| Phallostethidae\* |  | X |
| Pholidae1 |  | X |
| Platytroctidae1 |  | X |
| Pristigasteridae\* |  | X |
| Pseudochromidae6 |  | X |
| Ptilichthyidae1 |  | X |
| Radiicephalidae\* |  | X |
| Rhamphichthyidae1 |  | X |
| Rivulidae\* |  | X |
| Saccopharyngidae1 |  | X |
| ~~Schilbidae~~ |  | X |
| Schindleriidae\* |  | X |
| Scytalinidae1 |  | X |
| Serrivomeridae1 |  | X |
| ~~Siluridae~~ |  | X |
| Soleidae | X |  |
| Sternopygidae1 |  | X |
| Stichaeidae1 |  | X |
| Stomiidae1 | X |  |
| Stromateidae1 |  | X |
| Stylephoridae1 |  | X |
| Synaphobranchidae1 | X | X |
| Synbranchidae1 | X | X |
| Syngnathidae1 | X | X |
| Tetraodontidae1 |  | X |
| Thaumatichthyidae1 |  | X |
| Trachipteridae1 |  | X |
| Trichiuridae1 |  | X |
| Trichomycteridae |  | X |
| Triodontidae1 |  | X |
| Xiphiidae1 |  | X |
| Zaproridae1 |  | X |
| Zoarcidae1 |  | X |

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1- Families previously documented (Nelson 1990)

2- Taxonomic name change (Nelson 1984, 1990); previously Alabetidae

3- Apolectidae (Formionidae) (Nelson 1984, 1990); placement in Carangidae

4- Subfamily Aracaninae subsumed within Ostraciidae (Nelson 1984, 1990)

5- Taxonomic name change; previously Xenocongridae (Nelson 1990)

6- Taxonomic name change; previously Congrogadidae (Nelson 1990)

7- Taxonomic name change; previously subsumed within Sternopygidae (Nelson 1990)

8- Electrophoridae (Nelson 1984, 1990); placement in Gymnotidae

9- Subsumbed within Cyclopteridae (Nelson 1984, 1990)

10- Macrocephenchelyidae (Nelson 1984, 1990); placement in Congridae

11- Taxonomic name change; previously subsumed within Balistidae (Nelson 1990)

12- Taxonomic name change; previously subsumed within Congridae (Nelson 1990)

13- Taxonomic name change; previously subsumed within Zoarcidae (Nelson 1990)

\*- Families with pelvic fin loss identified only in Nelson, 2006 (Nelson 2006)

\*\*- Families with pelvic fin loss based on a source other than Nelson (Nelson 1984, 1990, 2006)

Names with strikethrough have been excluded from results due to family-level data that was untraceable to a particular species.