

*The Taxonomicon*

*Systema Naturae 2000*

Classification of  
**Order *Myctophiformes***  
(fishes)  
down to Genus

Compiled by Drs. S.J. Brands  
Universal Taxonomic Services

24 Jun 2025

# Systema Naturae 2000

## - Order Myctophiformes -

[Kingdom *Animalia*: Phylum *Chordata*: Class *Actinopteri* - fishes]

Order *Myctophiformes*\* Regan, 1911 - lanternfishes

- 1 Family *Neoscopelidae* Jordan, 1901 - blackchins
  - 1 Genus †*Neocassandra* Daniltshenko, 1968
  - 2 Genus †*Sardinioides* Marck, 1858
  - 3 Genus *Neoscopelus*\* Johnson, 1863
  - 4 Genus *Scopelengys* Alcock, 1890
  - 5 Genus *Solivomer* Miller, 1947
- 2 Family *Myctophidae*\* Gill, 1893 - lanternfishes
  - 1 Subfamily †*Eomyctophinae* Prokofiev, 2006
    - 1 Genus †*Eomyctophum*\* Daniltshenko, 1947
  - 2 Subfamily *Gymnoscopelinae* Paxton, 1972 - luminous lanternfishes
    - 1 Genus *Gymnoscopelus*\* Günther, 1873
    - 2 Genus *Hintonia* Fraser-Brunner, 1949
    - 3 Genus *Lampanyctodes* Fraser-Brunner, 1949
    - 4 Genus *Lampichthys* Fraser-Brunner, 1949
    - 5 Genus *Notoscopelus* Günther, 1864
    - 6 Genus *Scopelopsis* Brauer, 1906
  - 3 Subfamily *Notolychninae* Paxton, 1972 - topside lanternfishes
    - 1 Genus *Notolychnus*\* Fraser-Brunner, 1949
  - 4 Subfamily *Lampanyctinae* Paxton, 1972 - toothy lampfishes
    - 1 Genus *Bolinichthys* Paxton, 1972
    - 2 Genus *Ceratoscopelus* Günther, 1864
    - 3 Genus *Lampadena* Goode & Bean, 1893
    - 4 Genus *Lampanyctus*\* Bonaparte, 1840
    - 5 Genus *Lepidophanes* Fraser-Brunner, 1949
    - 6 Genus *Parvilux* Hubbs & Wisner, 1964
    - 7 Genus *Stenobranchius* Eigenmann & Eigenmann, 1890
    - 8 Genus *Taaningichthys* Bolin, 1959
    - 9 Genus *Triphoturus* Fraser-Brunner, 1949
  - 5 Subfamily *Diaphinae* Paxton, 1972 - headlightfishes
    - 1 Genus *Diaphus*\* Eigenmann & Eigenmann, 1890
    - 2 Genus *Idiolychnus* Nafpaktitis & Paxton, 1978
    - 3 Genus *Lobianchia* Gatti, 1904
  - 6 Subfamily *Myctophinae*\* Gill, 1893 - lanternfishes
    - 01 Genus *Benthosema* Goode & Bean, 1896
    - 02 Genus *Centrobranchus* Fowler, 1904
    - 03 Genus *Ctenoscopelus* Fraser-Brunner, 1949
    - 04 Genus *Dasyscopelus* Günther, 1864
    - 05 Genus *Diogenichthys* Bolin, 1939
    - 06 Genus *Electrona* Goode & Bean, 1896
    - 07 Genus *Gonichthys* Gistel, 1850
    - 08 Genus *Hygophum* Bolin, 1939
    - 09 Genus *Krefflichthys* Hulley, 1981
    - 10 Genus *Loweina* Fowler, 1925
    - 11 Genus *Metelectrona* Wisner, 1963
    - 12 Genus *Myctophum*\* Rafinesque, 1810 - lantern fish
    - 13 Genus *Protomyctophum* Fraser-Brunner, 1949
    - 14 Genus *Symbolophorus* Bolin & Wisner, 1959
    - 15 Genus *Tarletonbeania* Eigenmann & Eigenmann, 1891

**Citation:** Brands, S.J. (ed.), 2025. Classification of Order *Myctophiformes* (fishes) down to Genus. In *Systema Naturae 2000. The Taxonomicon*. Universal Taxonomic Services, Zwaag, The Netherlands, 24 Jun 2025. <<http://taxonomicon.taxonomy.nl/TaxonTree.aspx?src=0&id=42956>>

### Sources

. *Paleobiology Database*.

Fricke, R., Eschmeyer, W.N. & van der Laan, R. (eds.), 2021. *Eschmeyer's Catalog of Fishes: Genera, Species, References*.

Nelson, J.S., 2006. *Fishes of the World*. Fourth Edition. John Wiley & Sons, Inc., Mar 2006: [i]-xix, 1-601.

van der Laan, R., 2018. Family-group names of fossil fishes. *Eur. J. Taxon.* **466**, (11 Oct) 2018: 1-167.

van der Laan, R., Fricke, R. & Eschmeyer, W.N. (eds.), 2021. *Eschmeyer's Catalog of Fishes: Classification*.

**DISCLAIMER:** This document is not published for nomenclatural purposes within the meaning of the International Code of Zoological Nomenclature (ICZN).