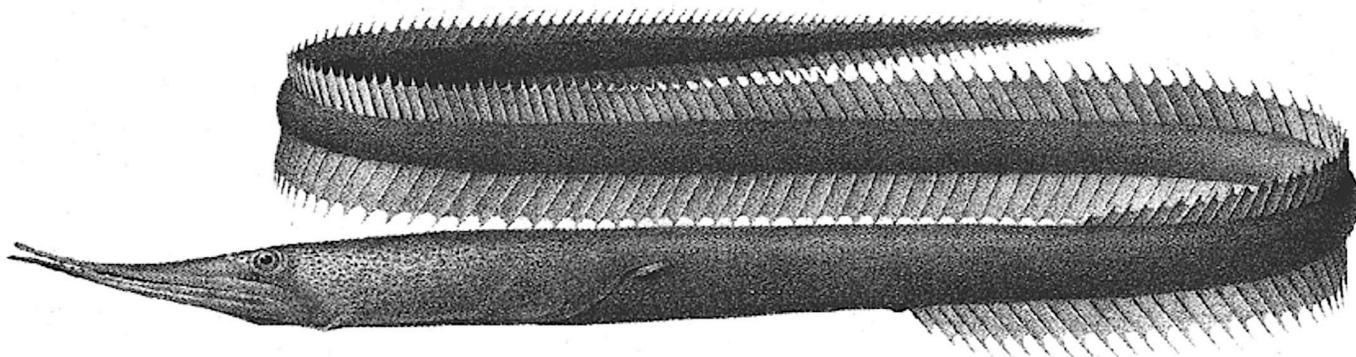


Order ANGUILLIFORMES

Sawtooth Eels

Family **SERRIVOMERIDAE**

Trewavas 1932



Serrivomer sector. From: Garman, S. 1899. The Fishes. In: Reports on an exploration off the west coasts of Mexico, Central and South America, and off the Galapagos Islands, in charge of Alexander Agassiz, by the U.S. Fish Commission steamer "Albatross," during 1891, Lieut. Commander Z. L. Tanner, U.S.N., commanding. Memoirs of the Museum of Comparative Zoology 24: Text: 1–431, Atlas: Pls. 1–85 + A–N.

Serrivomer

Gill & Ryder 1883

serra (L.), saw; *vomer* (L.), plowshare, but in ichthyology the bone forming the front part of the roof of the mouth, referring to serrate vomerine dentition of *S. beanii*

***Serrivomer beanii* Gill & Ryder 1883** patronym not identified but probably in honor of Tarleton H. Bean (1846–1916), Gill's ichthyological colleague at the U.S. National Museum (name likely does not honor Tarleton's brother Barton, also an ichthyologist and colleague of Gill, based on the fact that Tarleton's frequent collaborator, George Browne Goode, is honored in a junior synonym described in the same paper, *Spinivomer goodei*)

***Serrivomer bertini* Bauchot 1959** in honor of the "l'ichthyologiste éminent" Léon Bertin (1896–1954), Muséum national d'Histoire naturelle (Paris), for whom Bauchot served as an assistant in 1952

***Serrivomer garmani* Bertin 1944** in honor of American ichthyologist-herpetologist Samuel Garman (1843–1927), Museum of Comparative Zoology, Harvard University, who had described only other member of genus (*S. sector*) known from the Indo-Pacific

***Serrivomer jespersenii* Bauchot 1953** patronym not identified but almost certainly in honor of Danish oceanographer Poul Christian Jespersen (1891–1951), who took part in the *Dana* fishery research cruises, during which holotype was collected [authorship originally given as Bauchot-Boutin]

***Serrivomer lanceolatus* (Schmidt 1916) -oides**, Neo-Latin from *éidos* (Gr. εἶδος), form or shape: *lanceolatus* (L.), spear-like, described from a leptocephalus similar to *Leptocephalus lanceolatus* (=larval form of *S. beanii*)

***Serrivomer neocaledoniensis* Bauchot 1959 -ensis**, Latin suffix denoting place: New Caledonia, only known area of occurrence

***Serrivomer samoensis* Bauchot 1959 -ensis**, Latin suffix denoting place: Samoa, type locality

***Serrivomer schmidtii* Bauchot 1953** patronym not identified, probably in honor of Danish biologist Johannes Schmidt (1877–1933), Director, Carlsberg Laboratory (Copenhagen) and leader of the *Dana* fishery research cruises (Schmidt also discovered that European Eel *Anguilla anguilla* migrate to the Sargasso Sea to spawn) [authorship originally given as Bauchot-Boutin]

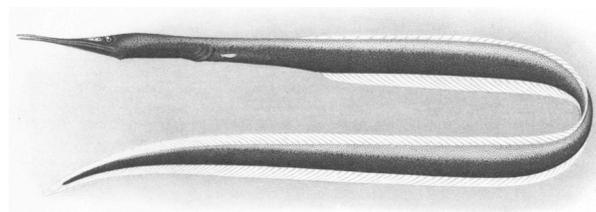
***Serrivomer sector* Garman 1899** Latin for cutter, allusion not explained, perhaps referring to "blade-like" vomerine teeth and/or to how plate-like vomer divides roof of mouth into equal parts

Stemonidium

Gilbert 1905

-idium, Latin diminutive suffix connoting resemblance: *stémōn* (Gr. στήμων), thread, presumably referring to its long, thin body

***Stemonidium hypomelas* Gilbert 1905** *hypó* (Gr. ὑπό), less than, under or beneath; *mélas* (Gr. μέλας), black, referring to its dark ventral coloration



Stemonidium hypomelas, holotype, 171 mm TL. Illustration by Chloe Lesley Starks. From: Gilbert, C. H. 1905. The deep-sea fishes of the Hawaiian Islands. In: The aquatic resources of the Hawaiian Islands. Bulletin of the U.S. Fish Commission 23 (2) [for 1903]: 577–713, Pls. 66–101.