

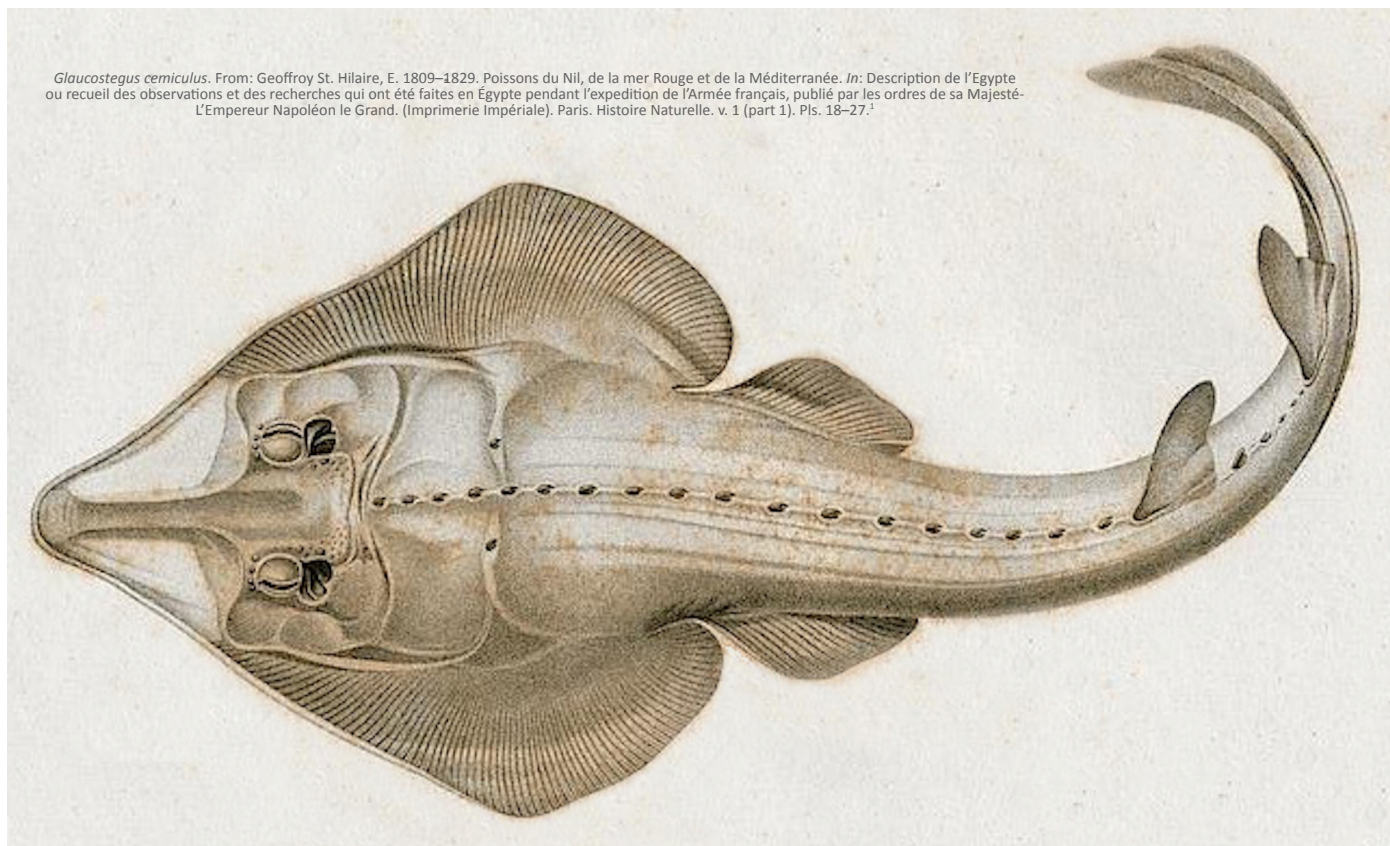
Order RHINOPRISTIFORMES

Giant Guitarfishes

Family **GLAUCOSTEGIDAE**

Last, Séret & Naylor 2016

Glaucostegus cemiculus. From: Geoffroy St. Hilaire, E. 1809–1829. Poissons du Nil, de la mer Rouge et de la Méditerranée. In: Description de l’Égypte ou recueil des observations et des recherches qui ont été faites en Égypte pendant l’expédition de l’Armée française, publié par les ordres de sa Majesté-L’Empereur Napoléon le Grand. (Imprimerie Impériale). Paris. Histoire Naturelle. v. 1 (part 1). Pls. 18–27.¹

***Glaucostegus***

Bonaparte 1846

glaucus, from *glaukós* (Gr. γλαυκός), bluish-green or gray, sea-colored, or hoary blue; *stegus*, from *stégō* (Gr. στέγω), to cover, etymology not explained, perhaps referring to bluish rostral cartilage seen in some specimens of *G. thouin* and *G. halavi*, both of which Bonaparte included (without descriptions) in the genus

***Glaucostegus cemiculus* (Geoffroy St. Hilaire 1817)** etymology not explained, perhaps diminutive of *cemo-*, from *kēmós* (Gr. κημός), muzzle, referring to narrower rostral ridges compared with *Rhinobatos rhinobatos*, its presumed congener at the time, and/or to its “habit of digging with its muzzle in the mud looking for food” (translation)¹

***Glaucostegus granulatus* (Cuvier 1829)** *-atus* (L.), provided with: *granum* (L.), seed or grain, referring to its shagreen-like granulated skin

***Glaucostegus halavi* (Fabricius 1775)** Arabic vernacular for this species (described from Saudi Arabia) [authorship often given as (Forsskål 1775)]

***Glaucostegus microphthalmus* (Teng 1959)** small-eyed, from *mikrós* (Gr. μικρός), small, and *ophthalmós* (Gr. ὀφθαλμός), eye, referring to eye much smaller than spiracle

***Glaucostegus obtusus* (Müller & Henle 1841)** Latin for blunt or dull,

referring to its broad and blunt snout

***Glaucostegus petiti* (Chabanaud 1929)** in honor of French zoologist-anatomist Georges Petit (1892–1973), Muséum national d’Histoire naturelle (Paris), who collected holotype

***Glaucostegus spinosus* (Günther 1870)** Latin for thorny, referring to compressed spines with dilated base along median line of back, on shoulder, and above eye and spiracle

***Glaucostegus thouin* (Anonymous [Lacepède] 1798)** in honor of French botanist André Thouin (1746–1824), who helped secure a specimen in Holland and transported it to France [published as a vernacular name by Lacepède in 1798, then Latinized in an anonymous book review later that year, from whence the name dates; presumably a noun in apposition, without the patronymic “i”]

***Glaucostegus typus* (Anonymous [Bennett] 1830)** Latin for model or example, allusion not explained; Bennett may have intended this species (based on *Rhinobatus rhinobatus* of Bloch & Schneider 1801) to be the type of *Rhinobatus* (= *Rhinobatos* Linck 1790, Rhinobatidae)

***Glaucostegus younholeei* Habib & Islam 2021** in honor of Youn-Ho Lee, Ph.D. supervisor of the senior author and Principal Research Scientist/Professor and Vice-President of the Korea Institute of Ocean Science and Technology (KIOST), who “significantly” contributed to the knowledge of marine biodiversity, DNA barcoding and population genetics of marine organisms in the Western Pacific and north Bay of Bengal, where this guitarfish occurs

¹ Name dates to plate from 1817; description published in 1827. See: Tollitt, M. E. 1986. Dates and authorship of the text volumes of the Histoire Naturelle section of Savigny’s Description de l’Égypte Z.N.(S.) 2515. Bulletin of Zoological Nomenclature 43 (1): 107–111.