Recent record of the Tiger Freshwater Moray *Gymnothorax polyuranodon*, and an updated location list for the Philippines

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Observers: John Paul V. Quindo, Abner A. Bucol.
Photograph by: Abner A. Bucol.
Subject identified by: Abner A. Bucol.

Elevation: 12 metres.
Habitat: River with denuded banks and patchy vegetation, about 7.73 km from the river mouth.
Date and time: 23 December 2018, 09:00 hrs.


Description of record: Whilst undertaking fish sampling in the upper station (Barangay Nangka) of the Bayawan River the first author, along with local fishermen, captured a single specimen of the rare Tiger Freshwater Moray, *Gymnothorax polyuranodon*, measuring 372 mm in total length (Fig 1).

![Fig. 1.](image_url)
**Remarks:** This species can be readily distinguished from other morays in the Philippines by having black blotches on a yellowish to creamy white background. Among the muraenids, it is the only known species in which adults spend much of their life in freshwater but return to the marine environment to spawn (Ebner et al, 2011; Tsukamoto et al, 2014). Juveniles of the species may also inhabit estuarine areas (Mailautoka and McCosker 2012).

According to Mailautoka and McCosker (2012), *G. polyuranodon* has the following known distribution: Australia, Brunei Darussalam, Fiji, Indonesia, Malaysia, Micronesia, Federated States of New Caledonia, Palau, Papua New Guinea, Philippines, Sri Lanka and Taiwan, Province of China.

In the Philippines, however, only a few records of this species can be found in the literature. Herre (1924) was the first to describe this species as one of the rare eels in the Philippine archipelago. An updated list of localities where this species occur is provided under Site Summary:

**Site Summary:**
1. Saab River, Cotabato, 1 specimen obtained by E.H. Taylor, 4 km from the sea, April 29, 1923 (Herre, 1923)
2. Craa River, Cotabato, 2 specimens obtained by E.H. Taylor, 4 km from the sea (Herre, 1924)
3. Brook at San Ramon Penal Colony, Zamboanga as reported by FishBase (Froese and Pauly, 2019)
4. Canigaran, Palawan, as reported by FishBase (Froese and Pauly, 2019). Probably based on Herre, 1923, citing a recorded by Boulenger in 1895.
5. North Bais Bay, Negros Oriental in 1988, now at Silliman University Fish Collection (SUML-FI MUR 0004, coll: CLRP, identified by M.L. Dolar), as reported by FishBase (Froese and Pauly, 2019).
6. Siaton River; 15-30 km from the rivermouth, Siaton, Negros Oriental; 1 specimen captured by E.E. Carumbana and local fishermen; now at the United State National Museum (USNM 385604); February 2004 (Bucol and Carumbana, 2010).
7. Sicopong River; Barangay Kabulakan (9.374778°N, 122.883050°E), 7.2 km from rivermouth, Sta. Catalina, Negros Oriental; 1 specimen captured by R. S. delos Santos using a fishing rod; February 16, 2019.
8. Bago River; 1 specimen captured by J. Linaugo (La Consolacion College-Bacolod) and party in upper stations of the Bago River (10.560413°N, 123.118811°), about 35.6km from rivermouth, in 2010 (Bucol et al. 2010).

**References:**


