

S3 | Ethnoguide of the mullet species of the Amazon coast.

Material prepared with small-scale artisanal fishermen from the Marine Extractive Reserve Caeté - Taperaçu in the Bragança city - coast of the state of Pará. For the cataloging of information, semi-structured questionnaires were used, images of the species with details of particularities pointed out by the fishers themselves and, in addition to the morphological characteristics, bioecological and behavioral aspects of each ethnospecies were identified.

The final identification of the ethnospecies was confirmed by the fishers, as well as the scientific nomenclature was confirmed by the specialists. The entire survey was carried out in two Amazonian seasonal periods (rainy - December to May; dry - June to November) between 2016 and 2018.

1) *Mugil brevirostris* Miranda Ribeiro, 1915

Common name: 'pratiqueira/caica'.

Morphological characteristics: It has a small and narrow head, a narrow body, and small eyes.

Behavior: Does not jump, has a scent. Its common name corresponds to a large juvenile mullet.



2) *Mugil curema* Valenciennes, 1836

Common name: 'tainha chata'.

Morphological characteristics: It has a large, flat but broad head. It has a rounded body and dark/blueish back with shiny, large and round scales; large and red eyes.

Behavior: Jumps, jumps, aggressive and intelligent.

3) *Mugil incilis* Hancock, 1830

Common name: 'caicão'.

Morphological characteristics: Grows much larger and has a slimmer body and a longer, narrower head, and has smaller scales. The origin of the first thorn on the dorsal fin is closer to the tip of the snout than to the base of the caudal fin.

Behavior: Does not jump.



4) *Mugil rubrioculus* Harrison, Nirchio, Oliveira, Ron & Gaviria, 2007

Common name: 'barrasco/ ribação'.

Morphological characteristics: Small body, grows little and presents sexual dimorphism, always male.

Behavior: Not recorded by fishermen.



5) *Mugil liza* Valenciennes, 1836

It does not occur in the region. The fishermen recognize it as Northern 'tainhão'.



6) *Mugil margaritae* Menezes, Nirchio, Oliveira & Siccharamirez, 2015
New species.

Not identified by the fishermen. It was used only to see if the fishermen recognized the new species described by Menezes *et al.* (2015).



7) *Mugil curvidens* Valenciennes, 1836
Not identified by the fishermen.



- 8) *Mugil trichodon* Poey, 1875
Not identified by the fishermen.



REFERENCES

- Menezes NA, Nirchio M, Oliveira C, Siccharamirez R. Taxonomic review of the species of *Mugil* (Teleostei: Perciformes: Mugilidae) from the Atlantic South Caribbean and South America, with integration of morphological, cytogenetic and molecular data. *Zootaxa*. 2015; 3918(1):1–38. <https://doi.org/10.11646/zootaxa.3918.1.1>

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