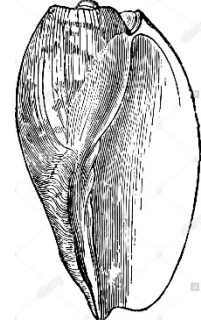


Cymbium (*Cymbium spp.*)



Cymbium
(*Volutidae*)



Species and distribution

At least 04 species of cymbium are found in Senegal :

- *Cymbium glans* or Volute Elephant's trunk can reach the maximum size of 35 cm and a maximum weight of 11 kg. It is present from Senegal to Angola.
- *Cymbium cymbium* or pig swirl, can reach a maximum length of 15 cm and occurs from Cap Blanc (northern Mauritania) to Guinea.
- *Cymbium marmoratum* or slender volute, which also has a smaller size.
- *Cymbium pepo* or Volute Neptune can measure up to 27 cm. The species is reported from Senegal to Benin.



Habitats and food

The *Cymbium pepo* species is fished on the North coast, and the majority of the other cymbium are fished in the southern zone of Senegal, in particular, on the Small coast.

Cymbium pepo occurs mainly on sandy bottoms. The species prefers sediments where the proportion of mud is low.

Cymbium glans are preferentially found on sandy bottoms with probes less than 20 m.

Cymbiums are carnivorous. Individuals feed mainly on bivalves as well as gastropods.



Reproduction and life cycle

Cymbiums reproduce only once a year (Marche-Marchad, 1975). The number of larvae observed in the incubation bag represents the absolute annual fertility. The size at first reproduction is estimated at 17.5 cm in *C. pepo*, the larvae being released into the outside environment from February to May. No other data exists on the other Cymbiums fished in Senegal.

The females are less represented in the large sizes where the males reach on average larger dimensions than the females, the growth of these slowing down from 20 cm.



Fishing methods

Almost 70% of factory supplies take place between April to August, the lowest in the cold season. The capture of Cymbiums is done today mainly using bottom gillnets bottom and trammel in majority; while diving while growing (certain bottle practices are observed in the Dakar area); on foot: mainly by women in Casamance and Saloum.



Management measures and options

As part of the management of *Cymbium* in Senegal, it is prohibited to fish the volute (*Cymbium pepo*) of a length less than or equal to seventeen decimal five (17.5) centimeters measured from the top of the shell to the hollow.

The volute (*Cymbium tritonis senegalensis*) of length less than or equal to seventeen decimal five (17.5) centimeters, measured from the top of the shell to the hollow.

The Sustainable Management of Fisheries Resources (GDRH) and Research Project, are committed to identifying support these initiatives.