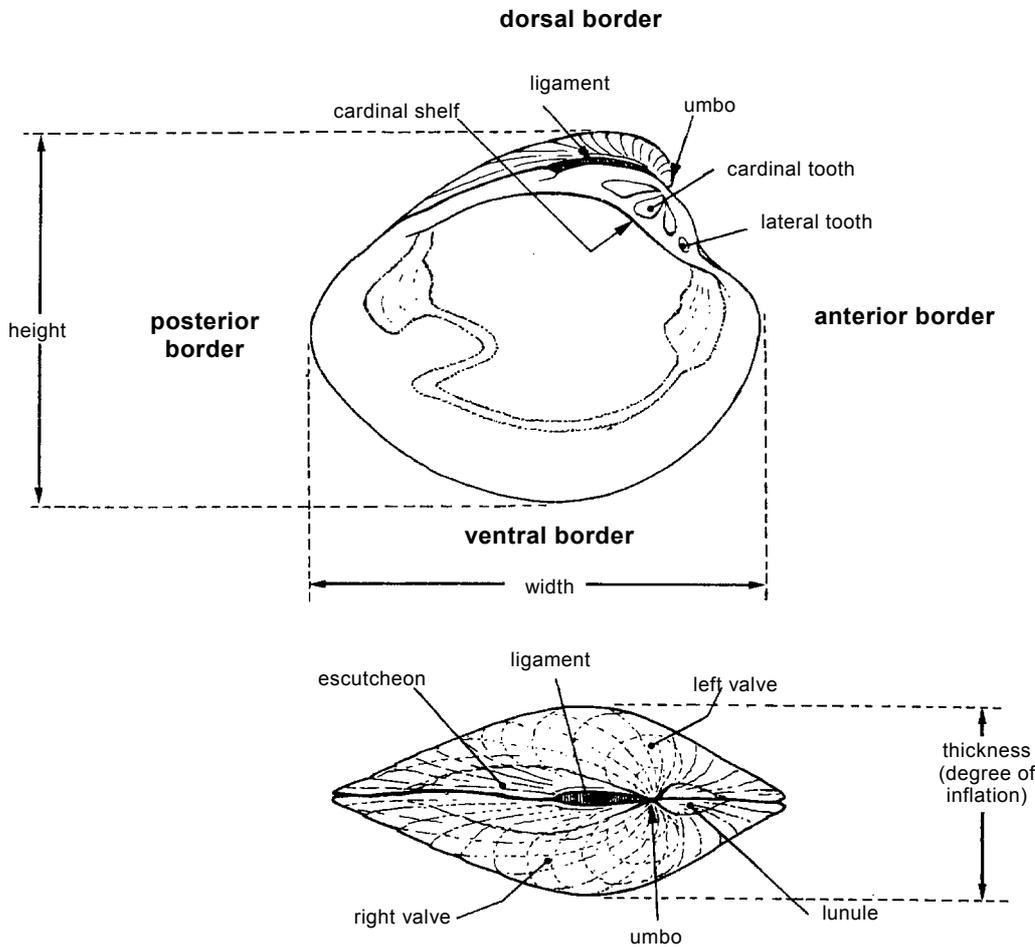


BIVALVES

(Class Bivalvia - pelecypods, clams, oysters, etc.)

TECHNICAL TERMS AND GENERAL REMARKS

Bivalve Features



Glossary of Bivalve Terms

Beak (or umbo - plural: umbos or umbones) : the first formed part of a valve, usually above the hinge.

Bifid : split in two (as in the tooth in the hinge).

Byssus : clump of horny threads spun by the foot and attached to the hard bottom.

Cardinal tooth : hinge tooth situated near the umbo.

Concentric : sculpturing running parallel to the growth margin of the valves.

Escutcheon : a smooth, long surface on the upper margin of the valve behind the horny ligament.

Gape : opening or gap at either end of the closed valves.

Hinge : top interlocking margin of the valves, usually with teeth.

Lateral tooth : hinge tooth situated before or behind the cardinal teeth and at greater distance from the umbo.

Ligament : an external or internal horny band, usually behind the beaks, holding the valves together or ajar.

Lunule : an arrow-shaped or heart-shaped impression on the valves just in front of the beaks.

Pallial sinus : an embayment or U-shaped curve in the pallial line.

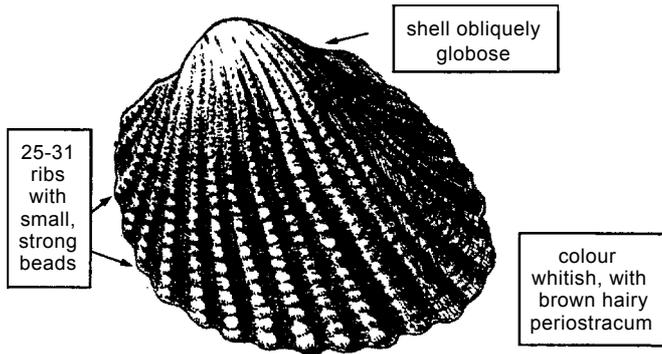
Periostracum : an outer layer of thin or thick chitinous material covering the outer shell.

Radial : sculpture or colour rays running from the beaks to the lower margins of the valves, crossing the concentric sculpturing one of the main shelly halves of a bivalve.

Siphon : slits allowing the entrance of water (inhalant, ventral siphon) or its exit (exhalant, dorsal siphon).

Valve : one of the main shelly halves of a bivalve.

BIVALVES

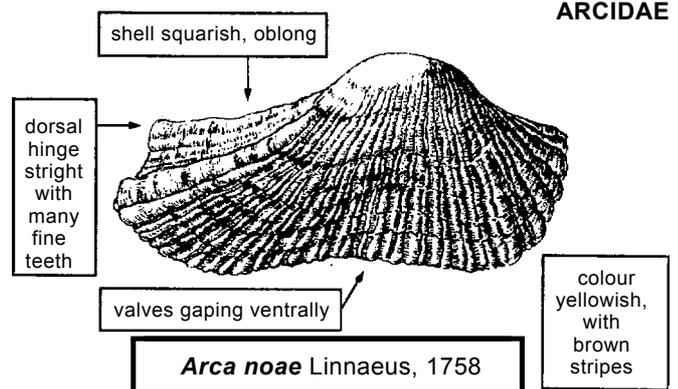
***Anadara senegalensis*** (Gmelin, 1791)

FAO names : En - Senegal ark; Fr - Arche du Sénégal; Sp - Arca de Senegal.

Size : 2.5 cm.

Habitat : intertidal.

Loc.name(s) :

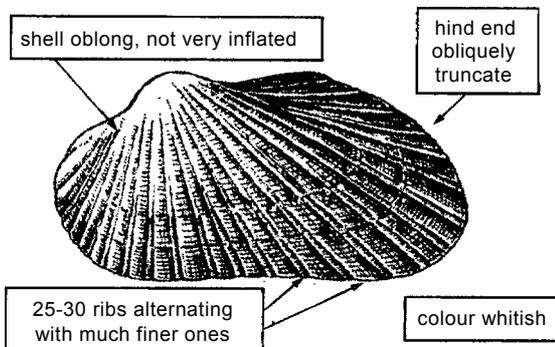
***Arca noae*** Linnaeus, 1758

FAO names : En - Noah's ark; Fr - Arche de Noé; Sp - Arca de Noé.

Size : 10 cm.

Habitat : offshore.

Loc.name(s) :

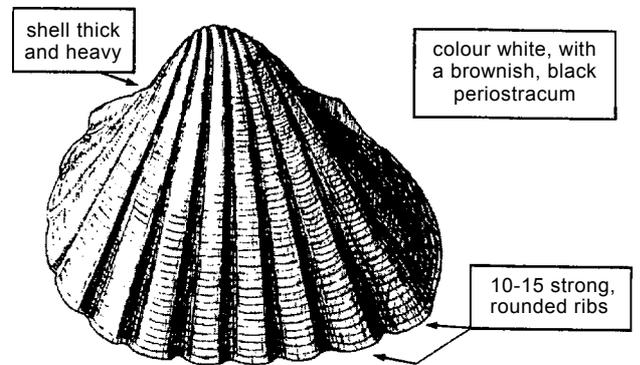
***Noetia gambiensis*** (Reeve, 1844)

FAO names : En - Gambia ark; Fr - Arche de Gambie; Sp - Arca de Gambia.

Size : 4 cm.

Habitat : intertidal.

Loc.name(s) :

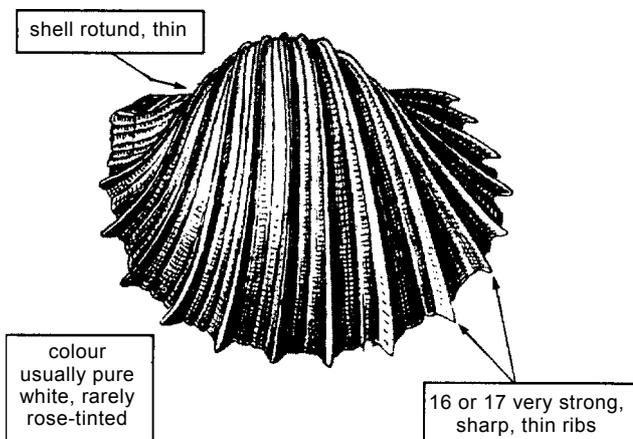
***Senilia senilis*** (Linnaeus, 1758)

FAO names : En - Heavy African ark; Fr - Arche épaisse d'Afrique; Sp - Arca gruesa africana.

Size : 10 cm.

Habitat : intertidal.

Loc.name(s) :

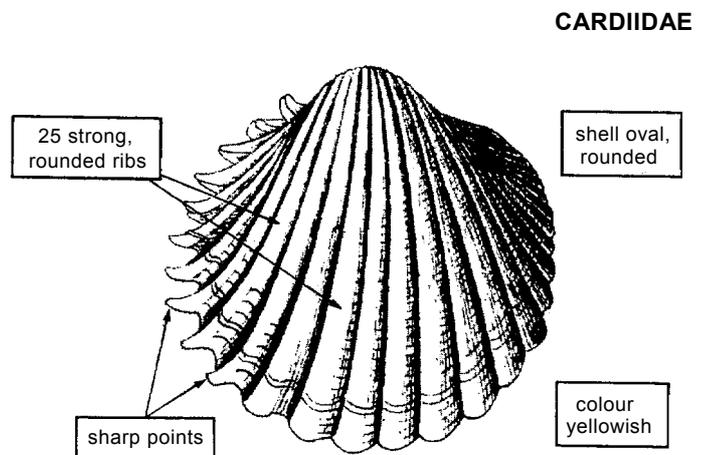
***Cardium costatum*** Linnaeus, 1758

FAO names : En - Costate cockle; Fr - Bucarde à côtes; Sp - Berberecho acostillado.

Size : 11 cm.

Habitat : offshore waters.

Loc.name(s) :

***Cardium ringens*** Bruguière, 1789

FAO names : En - Gaping cockle; Fr - Bucarde baillante; Sp - Arca boquiabierta.

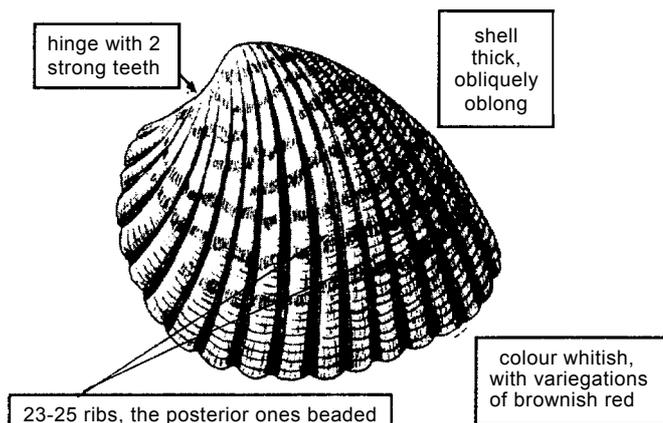
Size : 4 cm.

Habitat : mostly offshore, but also in inshore waters.

Loc.name(s) :

CARDIIDAE

BIVALVES

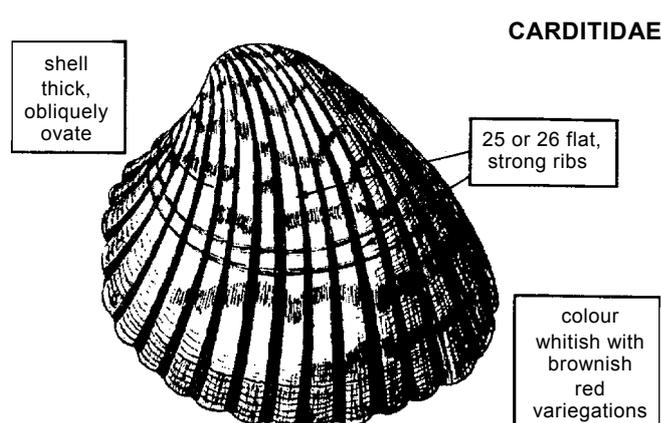
***Cardita ajar*** Bruguière, 1792

FAO names : En - Ajar cardita; Fr - Cardite ajar; Sp - Cardita ajar.

Size : 4 cm.

Habitat : intertidal

Loc.name(s) :

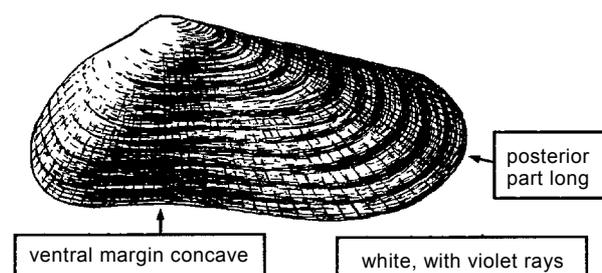
***Cardita tankervillei*** Wood, 1828

FAO names : En - Tankerville's cardita; Fr - Cardite de Tankerville; Sp - Cardita de Tankerville.

Size : 5.5 cm.

Habitat : intertidal.

Loc.name(s) :

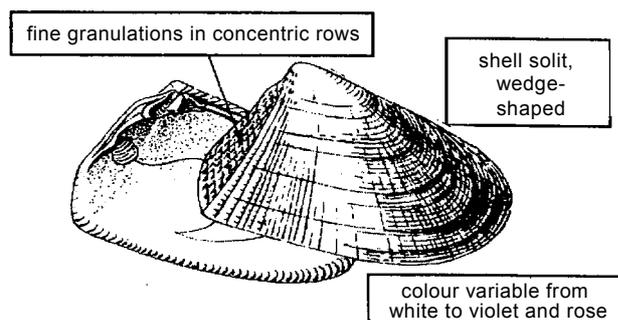
***Donax pukhellus*** Hanley, 1843

FAO names : En - Beautiful donax; Fr - Flion mignonnet; Sp - Coquina bonita.

Size : 1.5 cm.

Habitat : found on beaches

Loc.name(s) :

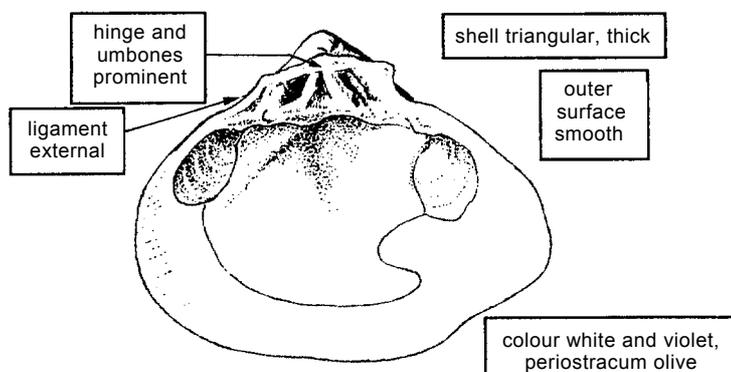
***Donax rugosus*** Linnaeus, 1758

FAO names : En - Rugose donax; Fr - Flion rugueux; Sp - Coquina rugosa.

Size : 6 cm.

Habitat : abundant on beaches.

Loc.name(s) :

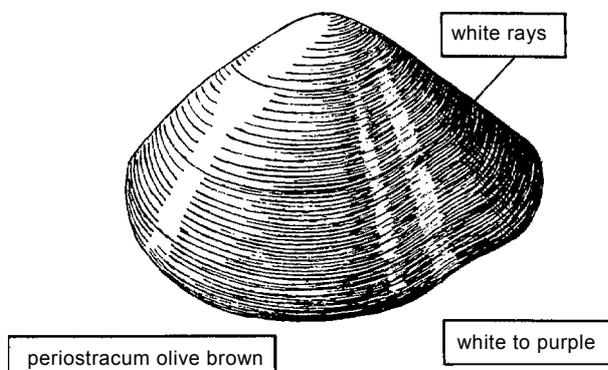
***Galatea paradoxa*** (Born, 1778)

FAO names : En - Common galatea clam; Fr - Donace peigne; Sp - Almeja galatea.

Size : 9 cm.

Habitat : common in estuaries.

Loc.name(s) :

***Iphigenia delesserti*** (Berbardi, 1860)

FAO names : En - Delessert's false donax; Fr - Flion de Delessert; Sp - Coquina de Delessert.

Size : 3 cm.

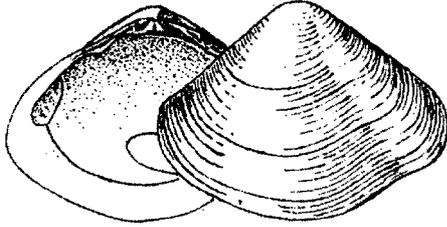
Habitat : common in infralittoral sandy bottoms.

Loc.name(s) :

BIVALVES

DONACIDAE

shell triangular, ovate, anterior fourth twisted



internal colour pale violet, periostracum olive brown

Iphigenia laevigata (Gmelin, 1791)

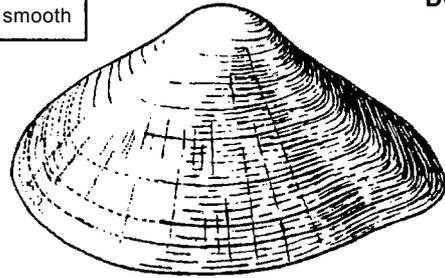
FAO names : **En** - Smooth false donax; **Fr** - Flion lisse; **Sp** - Coquina lisa.

Size : 7 cm.

Habitat : offshore, in sandy bottoms.

Loc.name(s) :

rather smooth



shell white, periostracum olive brown

Iphigenia rostrata Römer, 1869

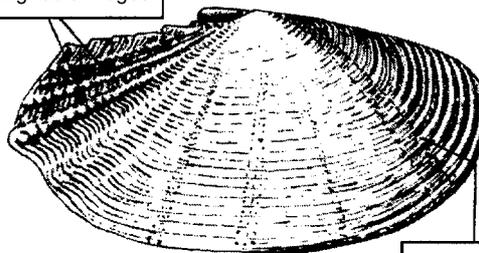
FAO names : **En** - Rostrate false donax; **Fr** - Donace à rostre; **Sp** - Coquina rostrata.

Size : 8 cm.

Habitat : offshore, in sandy bottoms

Loc.name(s) :

2 strong radial ridges



colour yellow, with rays of rosy violet

numerous five concentric cords

Gari bornii (Gmelin, 1791)

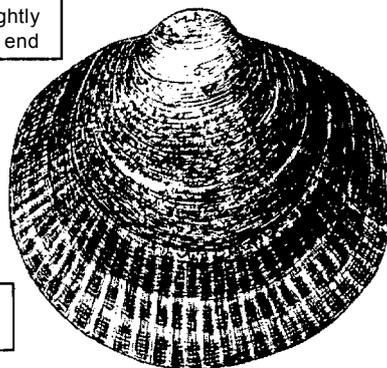
FAO names : **En** - Faeroe gary; **Fr** - Psammobie boréale; **Sp** - Gario boreal.

Size : 6 cm

Habitat : in infralittoral sandy or muddy bottoms.

Loc.name(s) :

shell round, slightly truncate at one end



colour brown-red, with fine white rays and scratches

Glycymeris vovan Lamy, 1912

FAO names : **En** - Vovan bittersweet; **Fr** - Amande vovan; **Sp** - Almendra vovania.

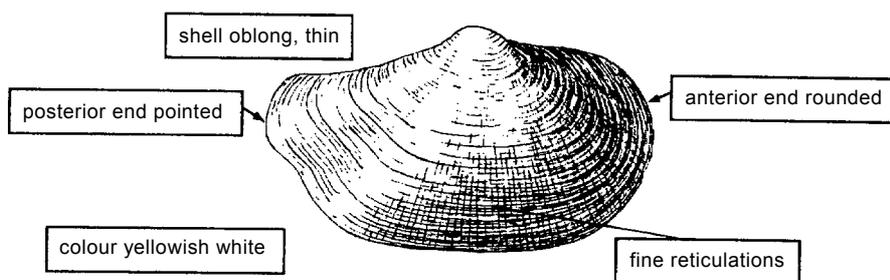
Size : 7 cm

Habitat : subtidal, in mud.

Loc.name(s) :

GLYCYMERIDAE

HIATELLIDAE

***Panopea cancellata*** Swerby, 1873

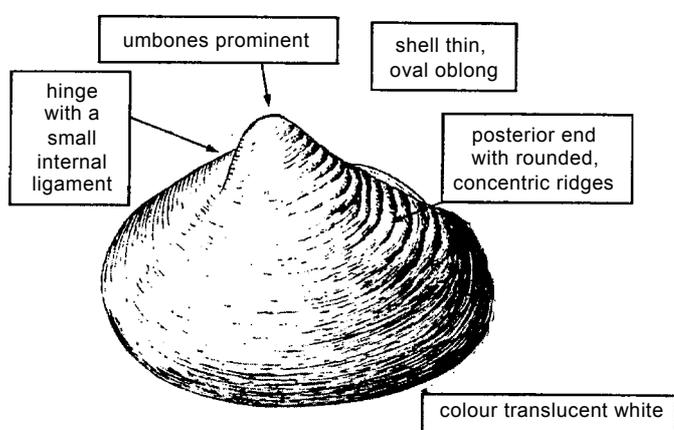
FAO names: En - Cancellate panope; Fr - Panopée quadrilée; Sp - Panopea cuadrilla.

Size: 12 cm.

Habitat: offshore, in sand.

Loc.name(s):

MACTRIDAE

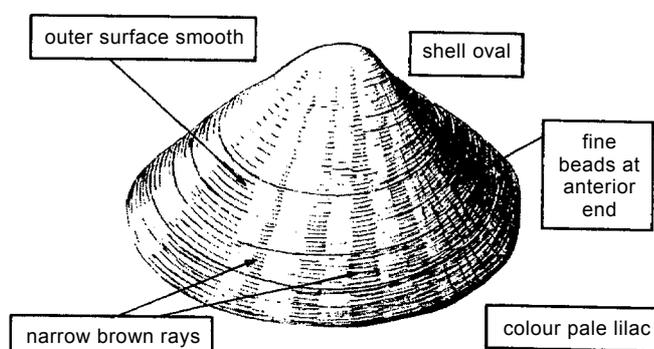
***Labiosa vitrea*** Gray, 1837

FAO names: En - Glassy maetra; Fr - Mactre vitreuse; Sp - Mactra vitrea.

Size: 5 cm.

Habitat: offshore, in sand.

Loc.name(s):

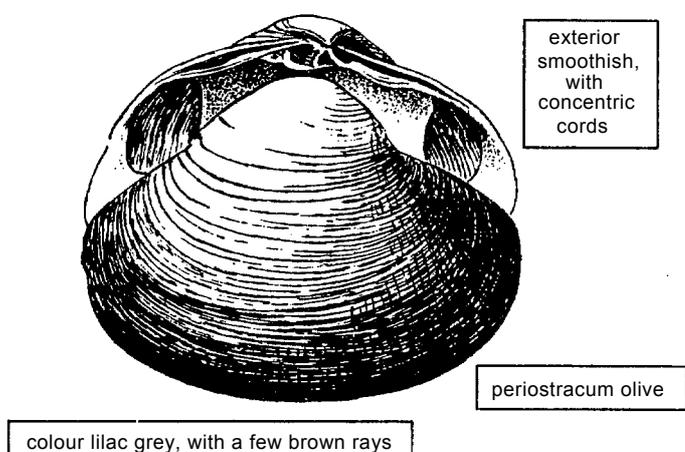
***Mactra glabrata*** (Linnaeus, 1758)

FAO names: En - Smooth maetra; Fr - Mactre lisse; Sp - Mactra lisa.

Size: 5 cm.

Habitat: intertidal, in sandy bottoms.

Loc.name(s):

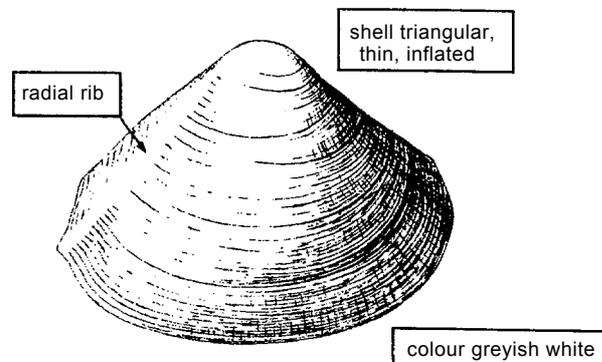
***Mactra largillierti*** Philippi, 1849

FAO names: En - Largilliert's maetra; Fr - Mactre de Largilliert; Sp - Mactra de Largilliert.

Size: 8 cm.

Habitat: offshore waters, in sandy bottoms.

Loc.name(s):

***Mactra nitida*** Gmelin, 1791

FAO names: En - Polished maetra; Fr - Mactre polie; Sp - Mactra pulida.

Size: 4 cm.

Habitat: intertidal, in sandy bottoms.

Loc.name(s):