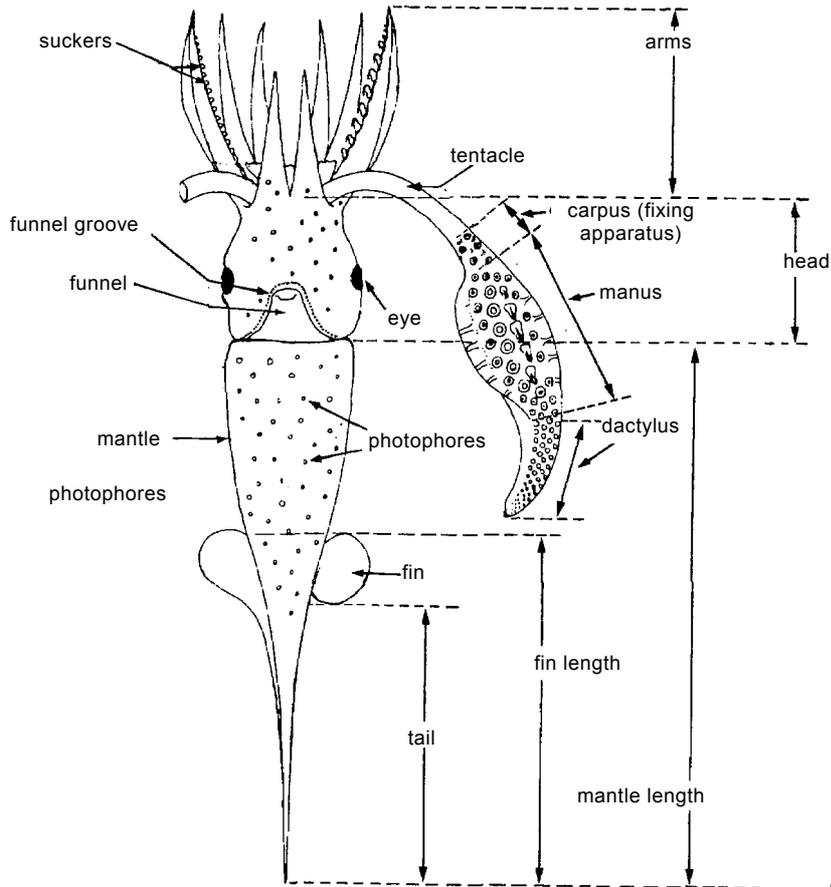


**CEPHALOPODS**

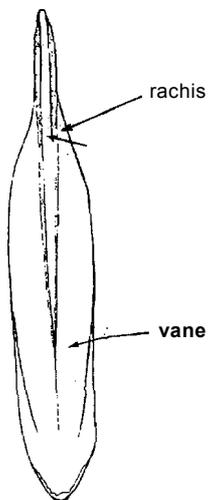
**TECHNICAL TERMS AND PRINCIPAL MEASUREMENTS  
AND GUIDE TO MAJOR TAXONOMIC GROUPS**

**SQUIDS (Teuthoidea)**

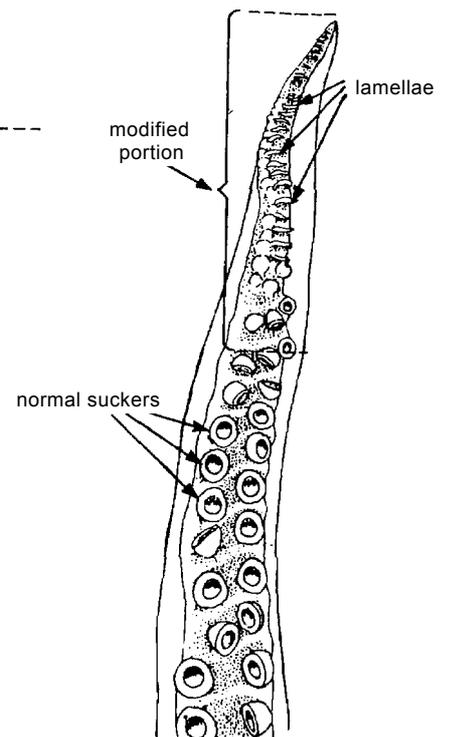
Gladius (or internal shell) chitinous, flexible, pen-shaped; 8 arms and 2 non-retractile tentacles.



**composite diagram illustrating  
basic squid (teuthoid) features**



**gladius of squid**



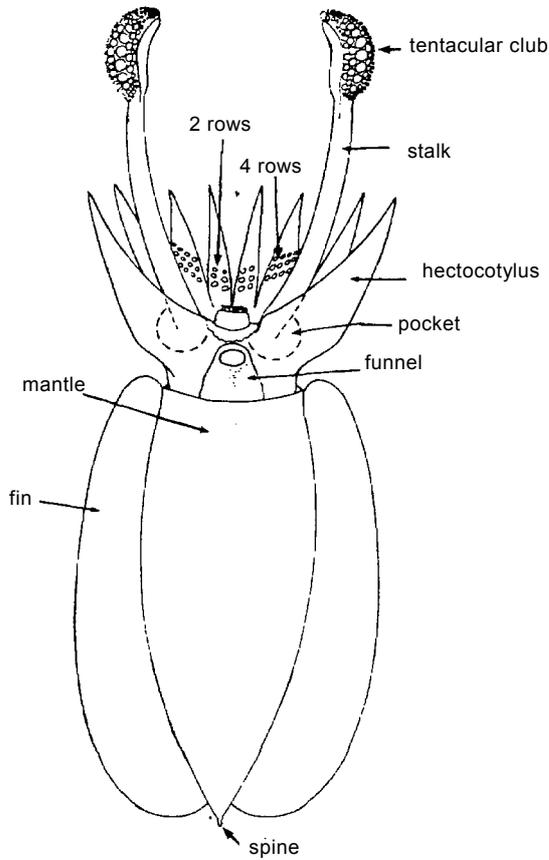
**example of hectocotyized arm  
in male (*Illex*)**

**arm I (dorsal)**

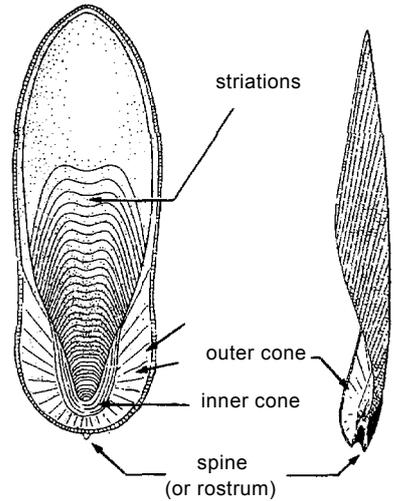
**CEPHALOPODS**

**CUTTLEFISHES (Sepioidea)**

Seption (internal shelf) large, chalky, rigid; 8 arms and 2 retractile tentacles.



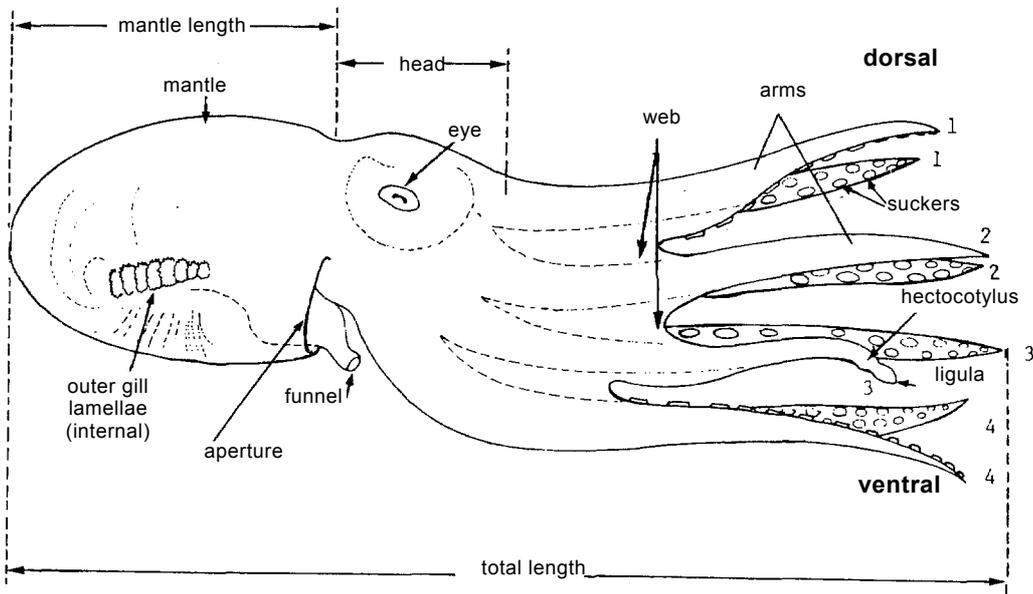
**ventral view**  
**diagram of basic cuttlefish features**



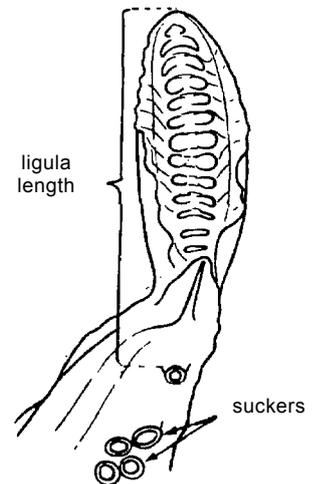
**ventral view**                      **dorsal view**

**OCTOPUSES (Octopoda)**

Internal shell reduced or absent; 8 arms, no tentacles.



**diagram of basic octopus features (lateral view)**



**diagram of hectocotylus**  
**showing ligula measurement**

## CEPHALOPODS

### SEPIOIDEA - CUTTLEFISHES

Sepion (internal shell) large, chalky, rigid; 8 arms and 2 retractile tentacles.

#### *Sepia bertheloti* Orbigny, 1838

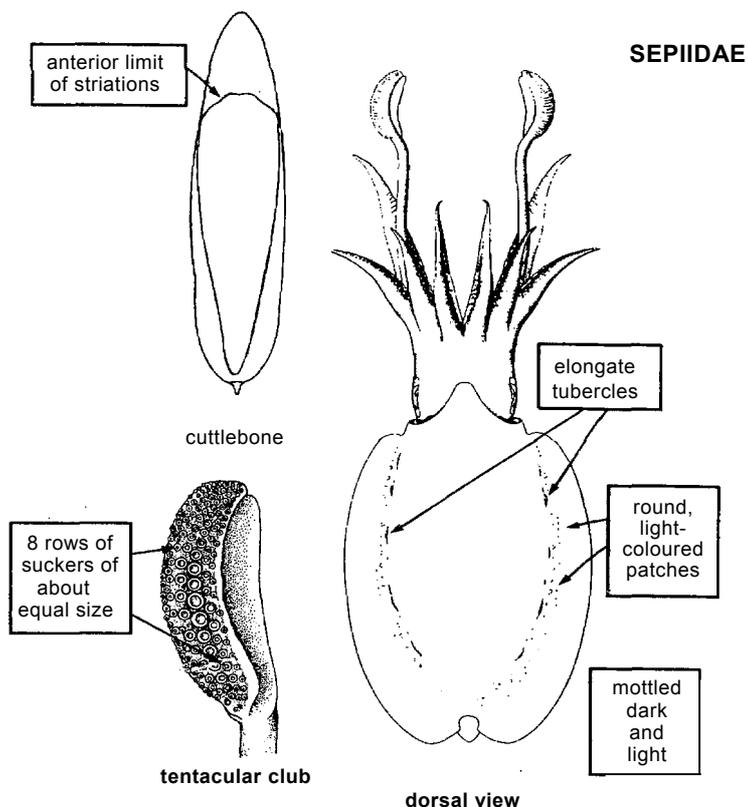
**FAO names :** En - African cuttlefish ; Fr - Seiche africaine;  
Sp - Jibia africana.

**Size :** females 13 cm, males 17.5 cm (mantle length).

**Fishing gear :** bottom trawls.

**Habitat :** benthic; captured from 20 to 140 m depth.

**Loc.name(s) :**



#### *Sepia elegans* Blainville, 1827

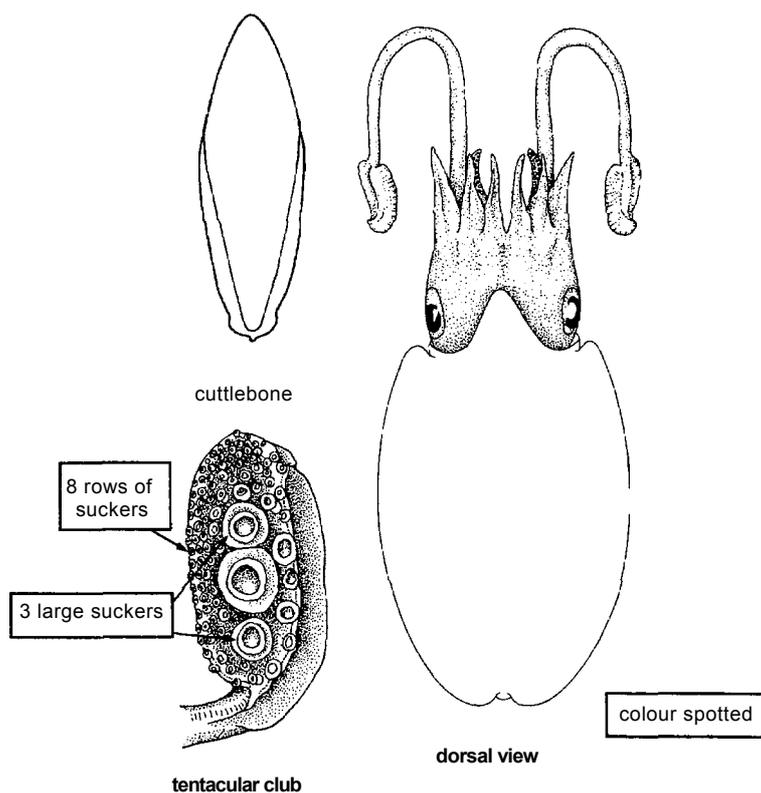
**FAO names :** En - Elegant cuttlefish; Fr - Seiche élégante; Sp - Castaño.

**Size :** 9 cm (mantle length).

**Fishing gear :** bottom trawls.

**Habitat :** demersal, from 30 to 430 m depth; spawns in shallow inshore waters throughout the year.

**Loc.name(s) :**



## CEPHALOPODS

## SEPIIDAE

***Sepia elobyana*** Adam, 1941

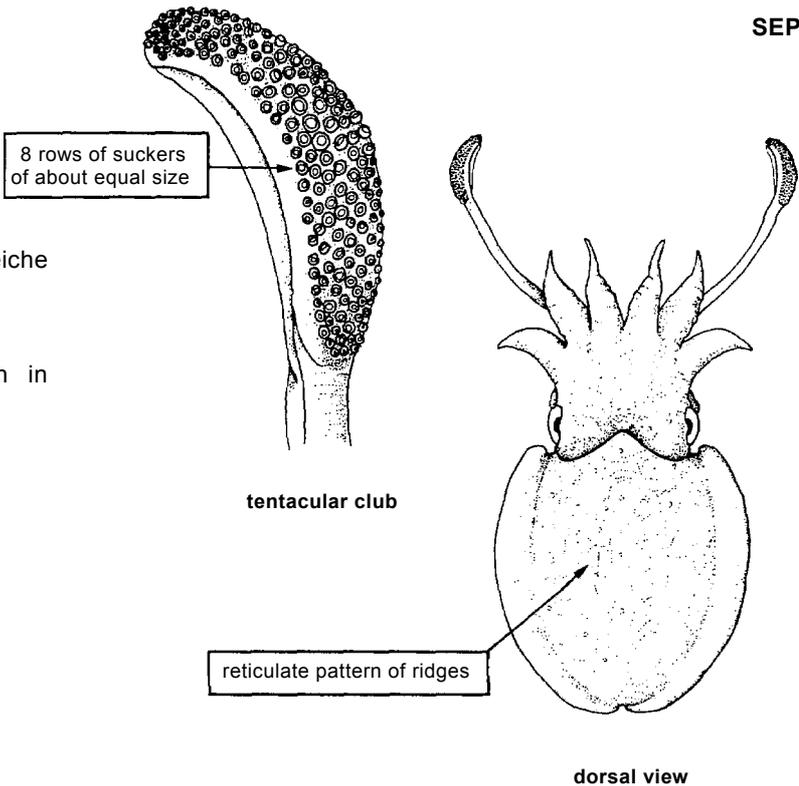
**FAO names :** **En** - Guinean cuttlefish; **Fr** - Seiche de Guinée; **Sp** - Sepia guineana.

**Size :** 6 cm (mantle length).

**Fishing gear :** probably taken as bycatch in bottom trawls, together with other cuttlefish.

**Habitat :** unknown.

**Loc.name(s) :**



***Sepia officinalis*** hierreda Rong, 1837

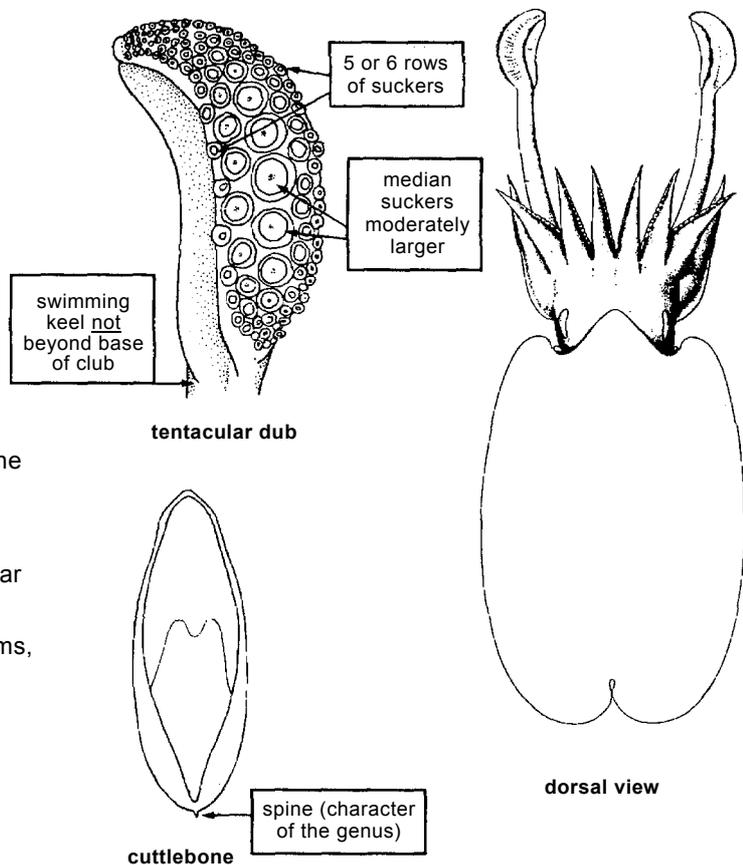
**FAO names :** **En** - Common cuttlefish; **Fr** - Seiche commune; **Sp** - jibia.

**Size :** 40 cm mantle length, 3.5 kg.

**Fishing gear :** bottom trawls; artisanal gear (spears, pots, traps), often with the use of light.

**Habitat :** demersal, on sandy to muddy bottoms, from the surface to 200 m depth.

**Loc.name(s) :**



colour marbled: black bands on light background

## CEPHALOPODS

## SEPIIDAE

***Sepia orbignyana* Ferussac, 1826**

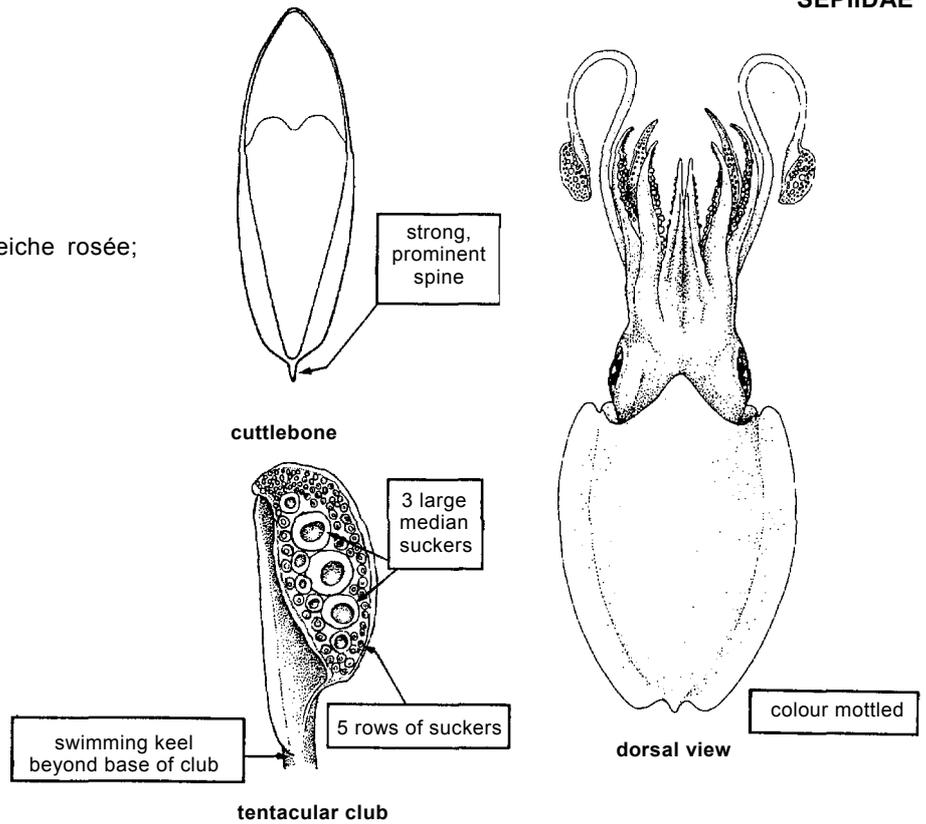
**FAO names :** En - Pink cuttlefish; Fr - Seiche rosée;  
Sp - Jibia rosada.

**Size :** 12 cm (mantle length).

**Fishing gear :** bottom trawls.

**Habitat :** coastal, from 50 to 450 m depth.

**Loc.name(s) :**

***Sepiella ornata* (Rang, 1837)**

**Synonyms :** *Sepia ornata* Rang, 1837.

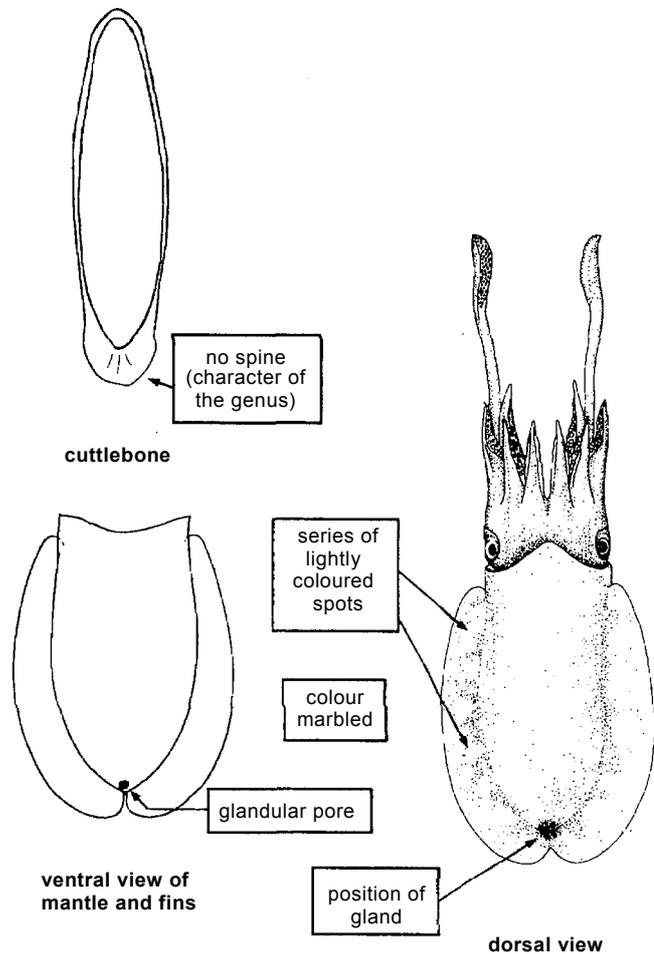
**FAO names :** En - Ornate cuttlefish; Fr - Sepia ornée; Sp - Sepita manchada.

**Size :** 10 cm (mantle length).

**Fishing gear :** bottom trawls (bycatch).

**Habitat :** demersal, ranging from 20 to 150 m depth.

**Loc.name(s) :**



***Heteroteutis dispar*** (Rüppell, 1845)

**FAO names :** En - Odd bobtail; Fr - Sépiole différente;  
Sp - Globito aberante.

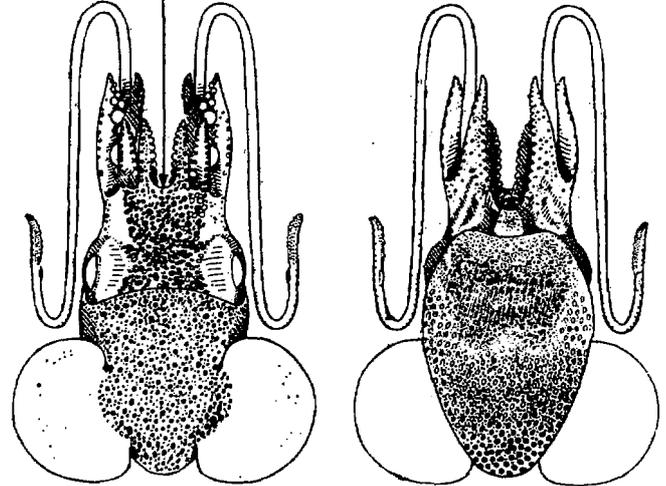
**Size:** 2 cm.

**Fishing gear :** pelagic trawls (bycatch).

**Habitat :** exact information not available.

**Loc.name(s) :**

all arms, except fourth pair united by a web



dorsal view

ventral view

***Neorossia caroli*** (Joubin, 1902)

**Synonyms :** *Rossia caroli* Joubin, 1902.

**FAO names :** En - Carol bobtail; Fr - Sépiole carolette;  
Sp - Globito carolino.

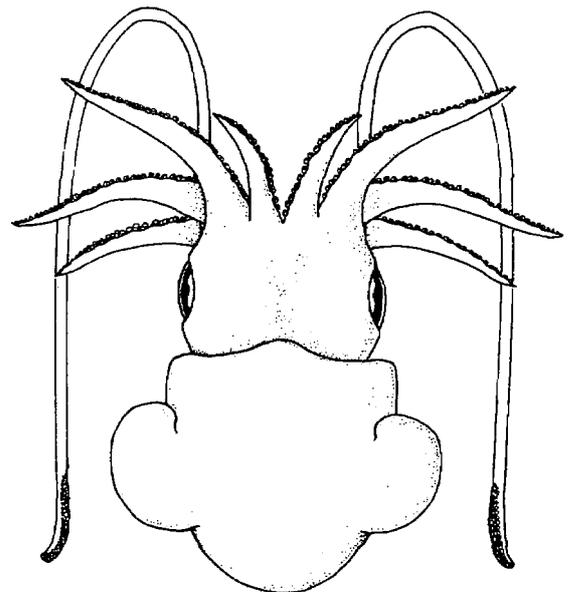
**Size :** 5.5 cm.

**Fishing gear :** bottom trawls.

**Habitat :** demersal, from 300 to 1000 m depth.

**Loc.name(s) :**

only third and fourth pairs united by a web



dorsal view

CEPHALOPODS

TEUTHOIDEA - SQUIDS

Gladius (or internal shell) chitinous, flexible, pen-shaped; 8 arms and 2 non-retractile tentacles.

LOLIGINIDAE

***Alloteuthis africana*** Adam, 1950

**FAO names :** En - African squid; Fr - Casseron africain; Sp - Calamarín africano.

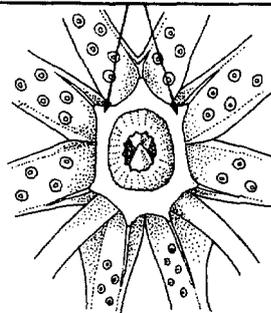
**Size :** males 19 cm, females 9 cm (mantle length).

**Fishing gear :** trawls (bycatch).

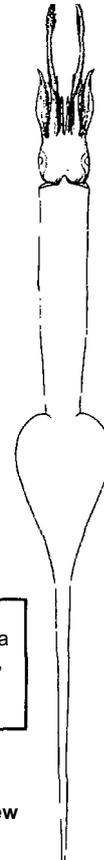
**Habitat :** continental shelf; spawning on the bottom.

**Loc.name(s) :**

buccal lappet without suckers



schematic view of oral side showing bases of arms and buccal membrane



body ending in a long tail, gladius long

male dorsal view



female dorsal view

***Loligo vulgaris*** Lamarck, 1798

**FAO names :** En - European squid; Fr - Encornet; Sp - Calamar.

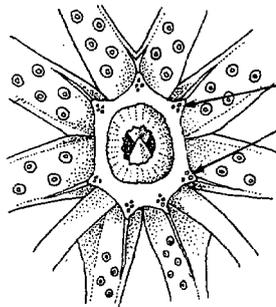
**Size :** males 42 cm, females 32 cm (mantle length).

**Fishing gear :** bottom trawls.

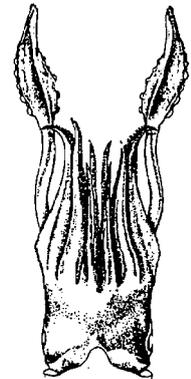
**Habitat :** benthopelagic, between 20 and 250 m depth, migrating toward the coast for spawning.

**Loc.name(s) :**

buccal lappet with suckers



schematic view of oral side showing bases of arms and buccal membrane



lateral fins lozangic

ventral view of mantle

dorsal view

CEPHALOPODS

LOLIGINIDAE

***Lolliguncula mercatoris* Adam, 1941**

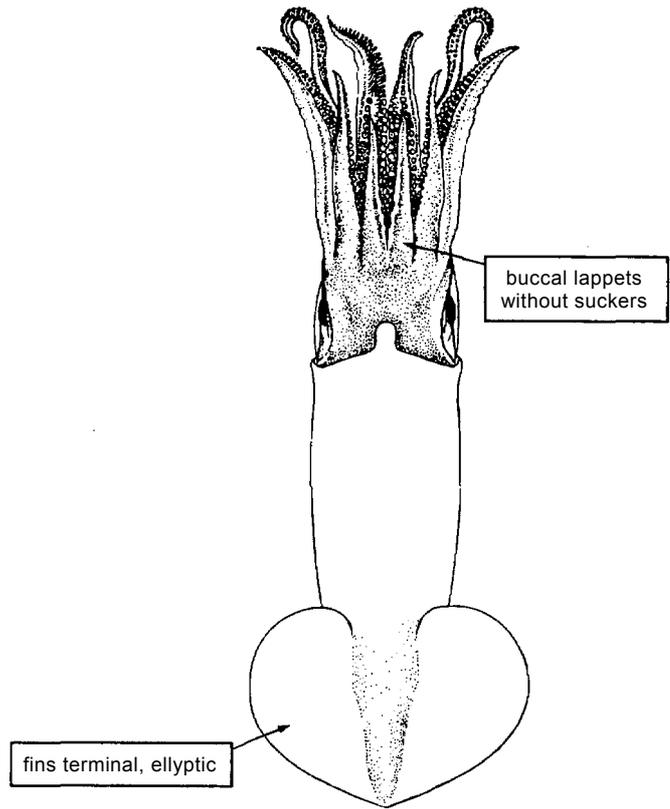
**FAO names :** En - Guinean thumbstall; Fr - Calmar doigtier de Guinée; Sp - Calamar dedal de Guinea.

**Size :** males 3.5 cm, females 5 cm (mantle length).

**Fishing gear :** bottom trawls.

**Habitat :** coastal waters, on sandy and muddy bottoms, at less than 50 m depth.

**Loc.name(s) :**



OMMASTREPHIDAE

***Illex coindetii* (Verany, 1837)**

**FAO names :** En - Shortfin squid; Fr - Encornet rouge; Sp - Pota voladora.

**Size :** males 22 cm, females 26 cm (mantle length).

**Fishing gear:** bottom trawls.

**Habitat :** mostly on sandy bottoms in coastal waters, but may also descend to 1000 m depth.

**Loc.name(s) :**

