

HELP: POKKEN

Identificeren van
onze inheemse
zeepokken

BALANOMORPHA



Kenmerken BALANOMORPHA

- Symmetrisch skelet
- Kalkplaten (4-6)
- Deksel uit 2 helften, elk uit 2 kalkplaatjes
- Lichaam gedegenereerd
- Poten: sterk geledede rankpoten



Orifice of shell, surrounded by the *sheath*. *Sheath* formed by the *alæ* (*a—a.*) and by portions of the upper and inner surfaces of the *parietes* (*p—p.*)

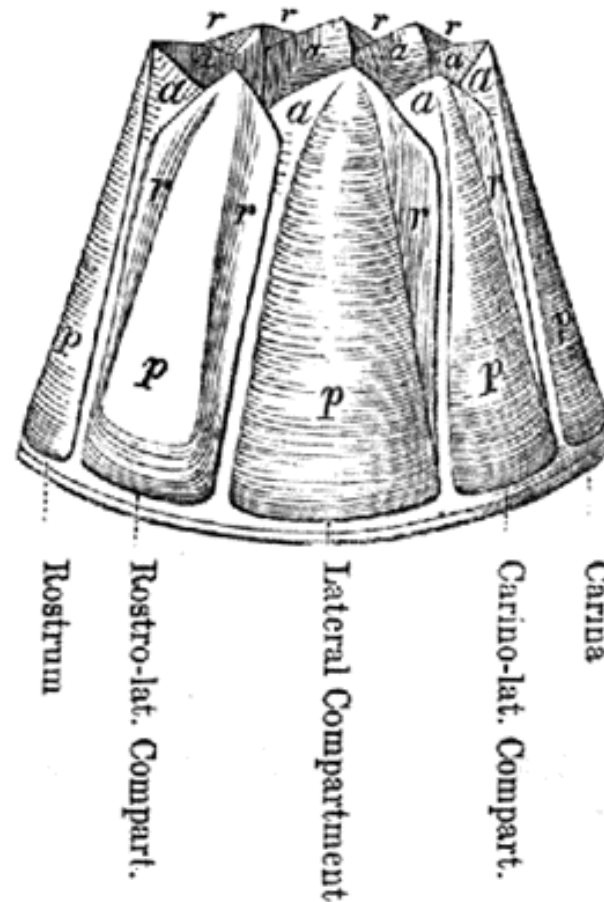
p: parietes

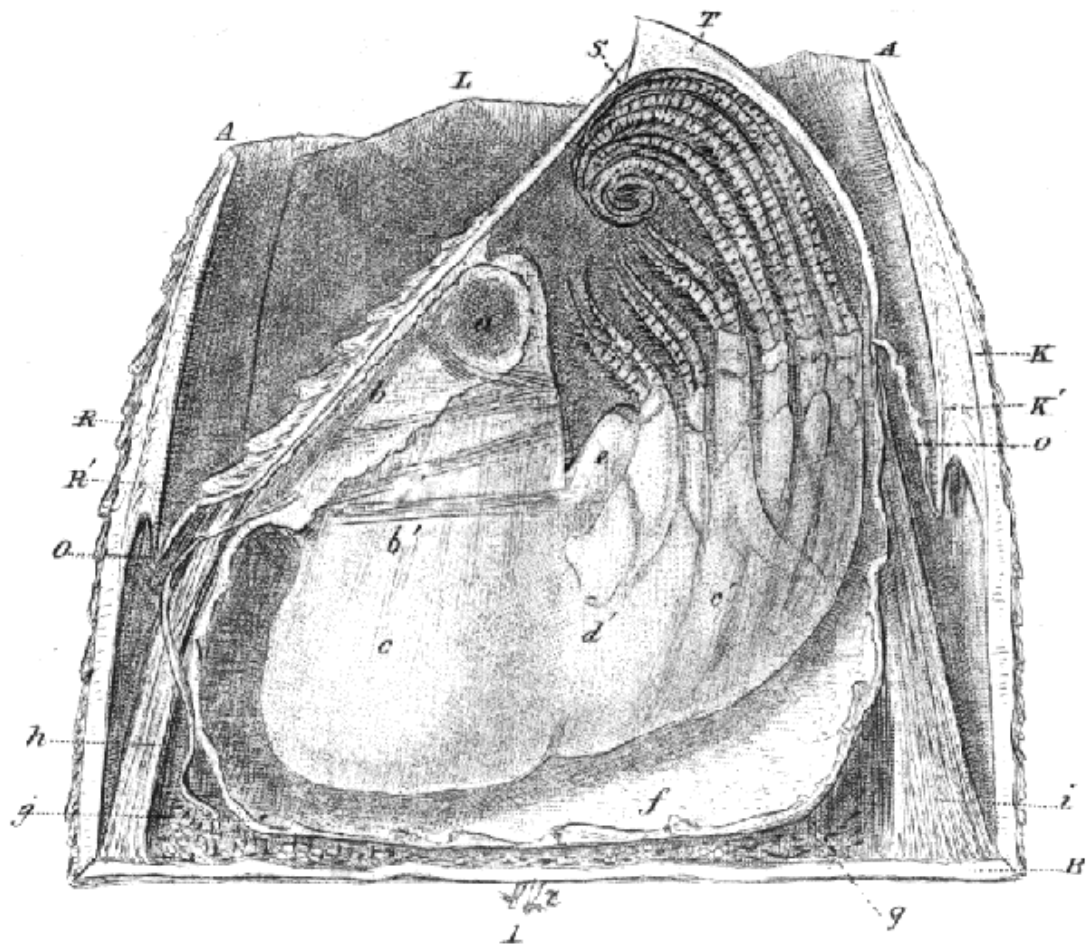
r: radii

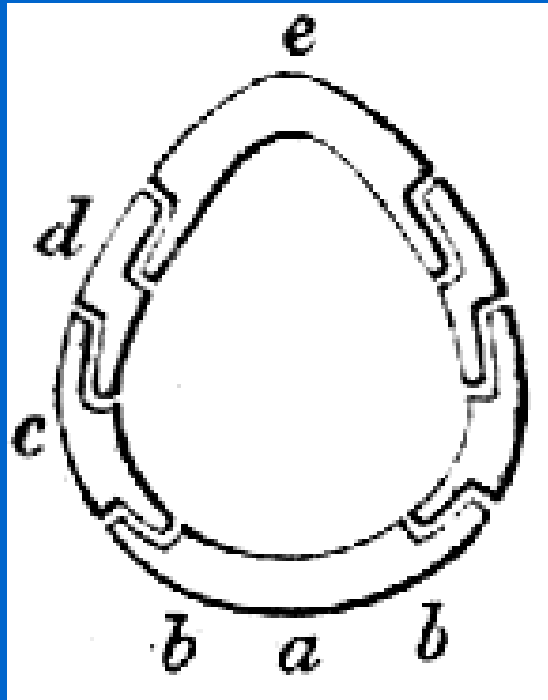
a: alea

basis

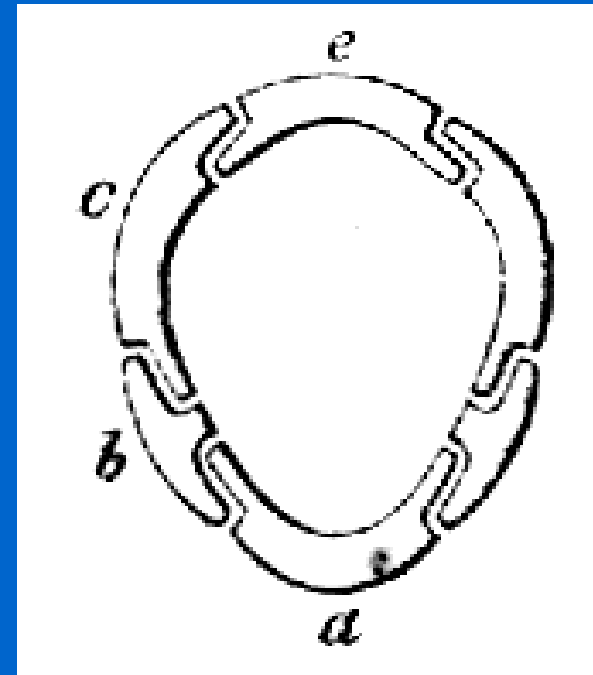
basis





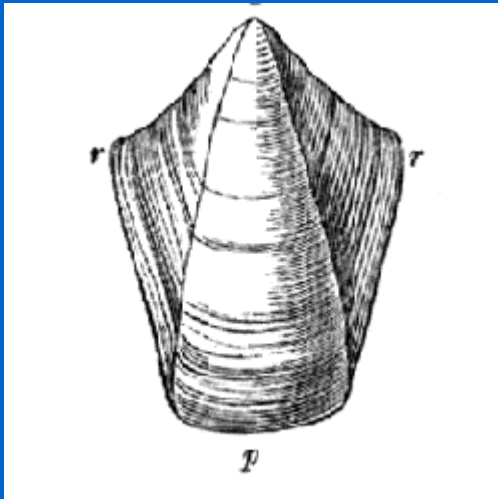


Balanus

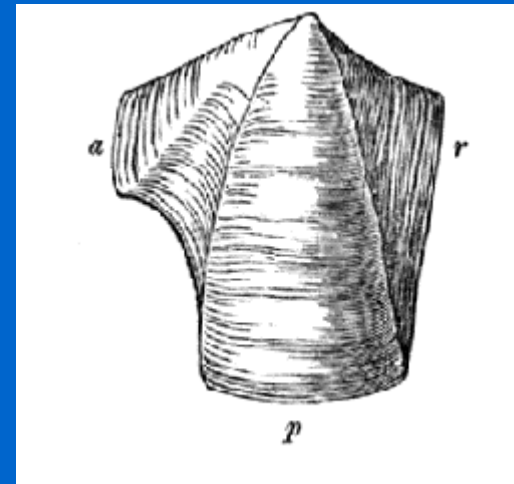


Chthamalus

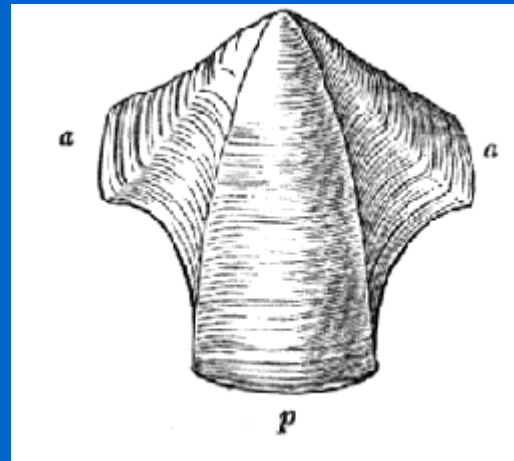
- a) rostrum
- b) carina



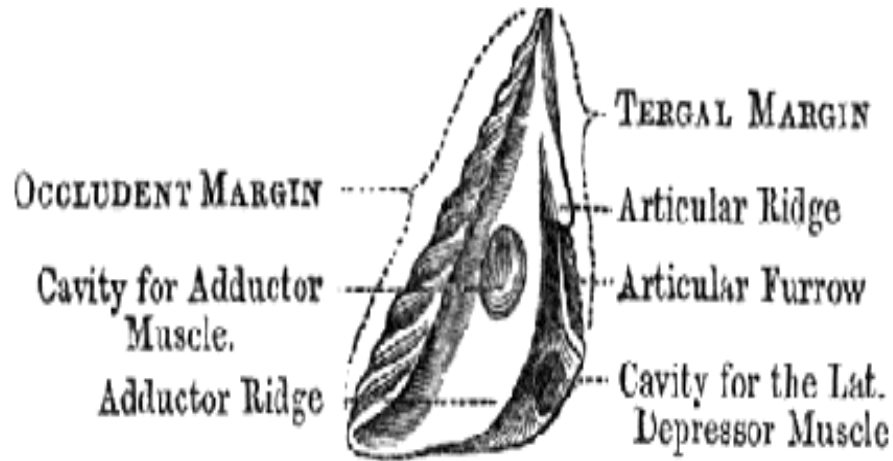
Rostrum
Rostro-lateral



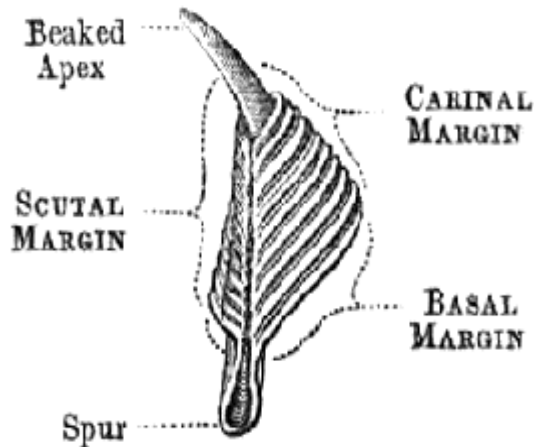
Laterale
Carino-lateral



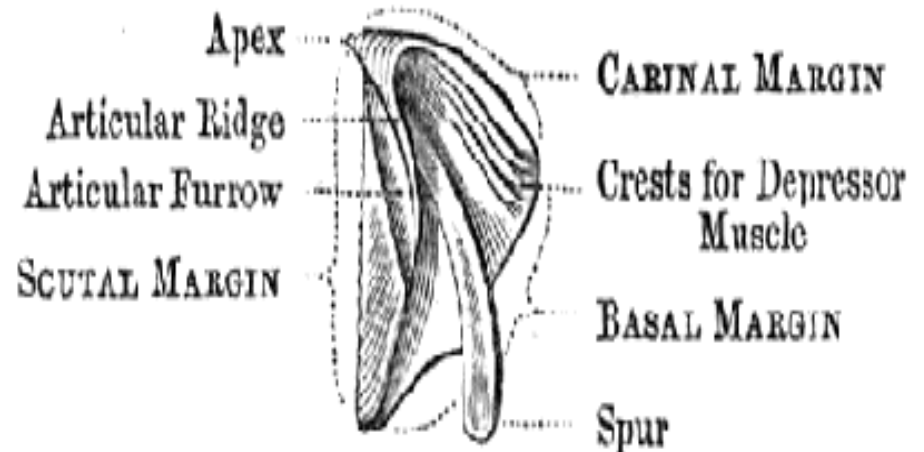
Carina
Rostrum



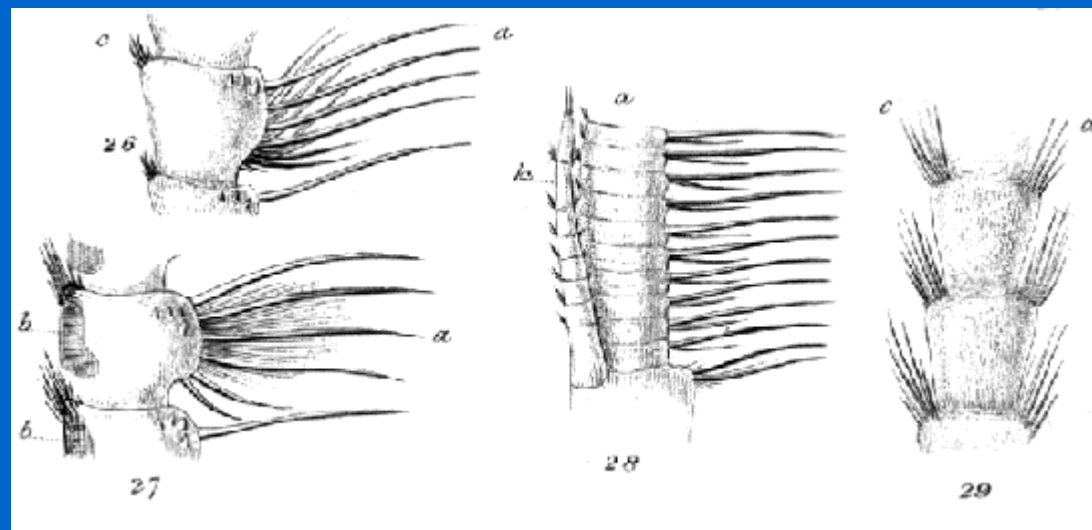
Scutum (binnenzijde)



Tergum (buitenzijde)



Tergum (binnenzijde)



Mandibel, maxillae, cirri

De 4 witte intertidale soorten

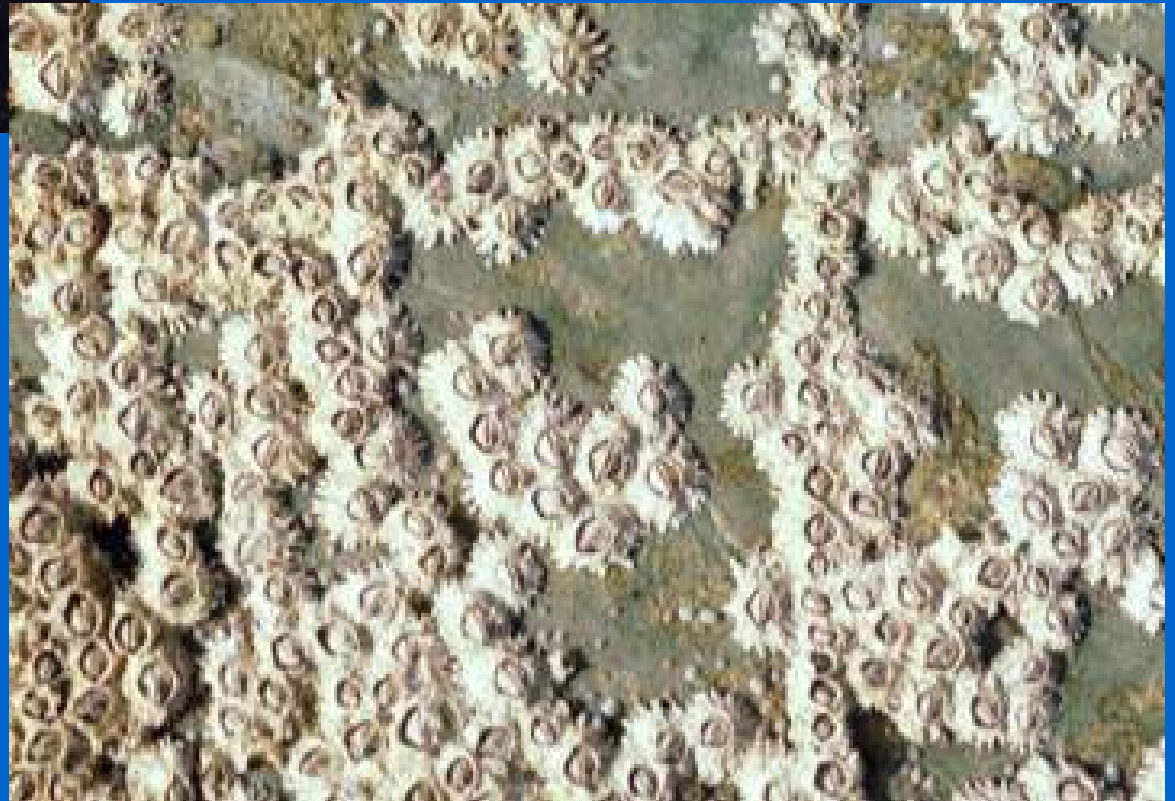
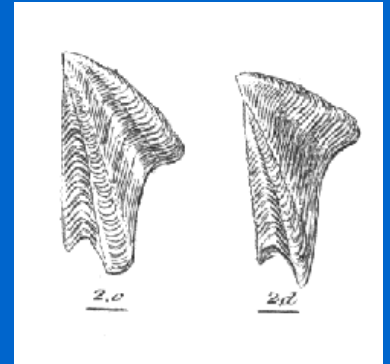
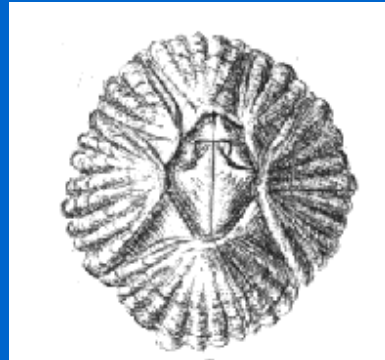
- *Semibalanus balanoides*
gewone zeepok
- *Balanus crenatus*
gekartelde zeepok
- *Balanus improvisus*
brakwaterpok
- *Elminius modestus*
Nieuw-Zeelandse zeepok

Gewone zeepok

Semibalanus balanoides

- inheemse soort
- arctisch-boreaal
- algemeen hoogste zone strandhoofden
- geen verkalkte grondplaat
- te verwarren met *B. crenatus*







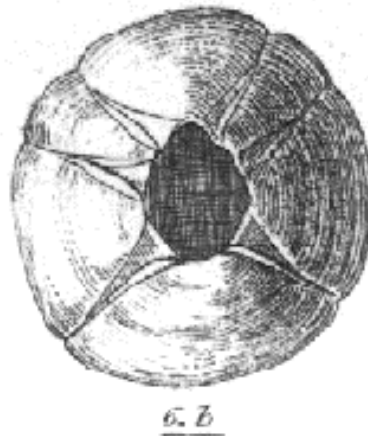
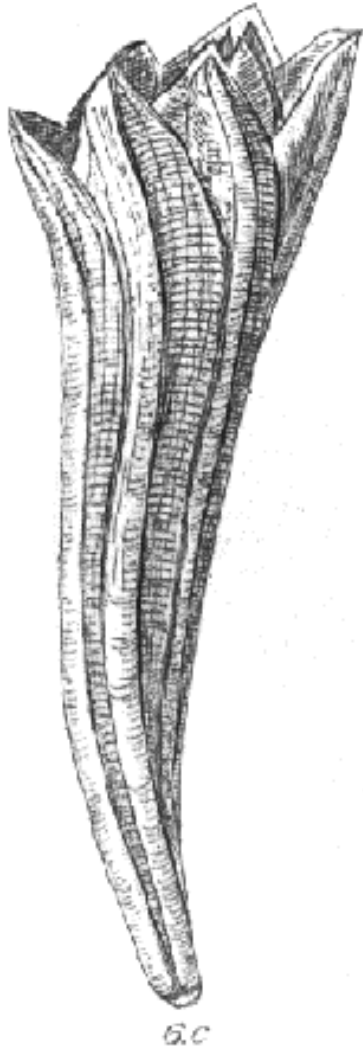
Gekartelde zeepok

Balanus crenatus

- inheemse soort
- arctisch-boreaal
- lager in de
getijdenzone en
subtidaal



Balanus crenatus

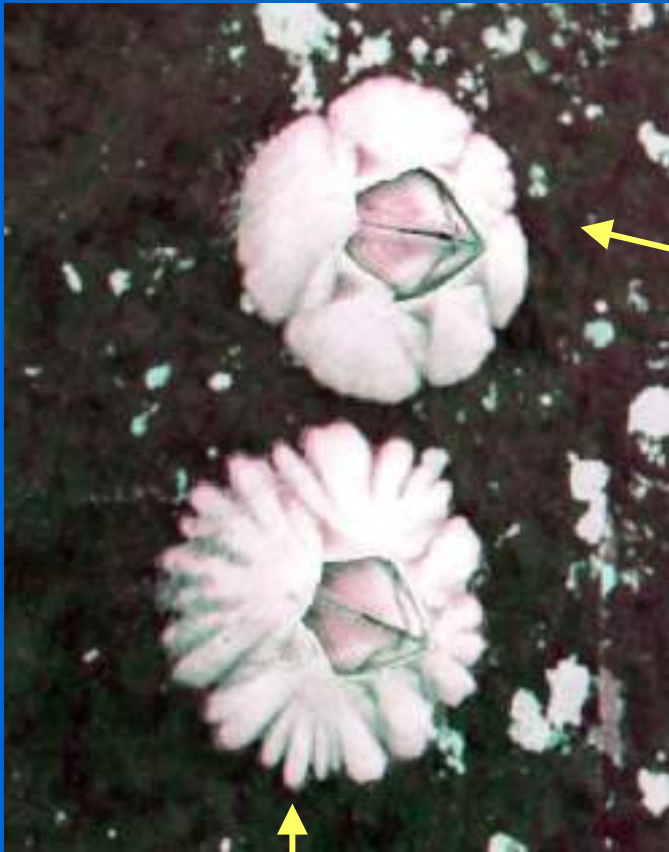


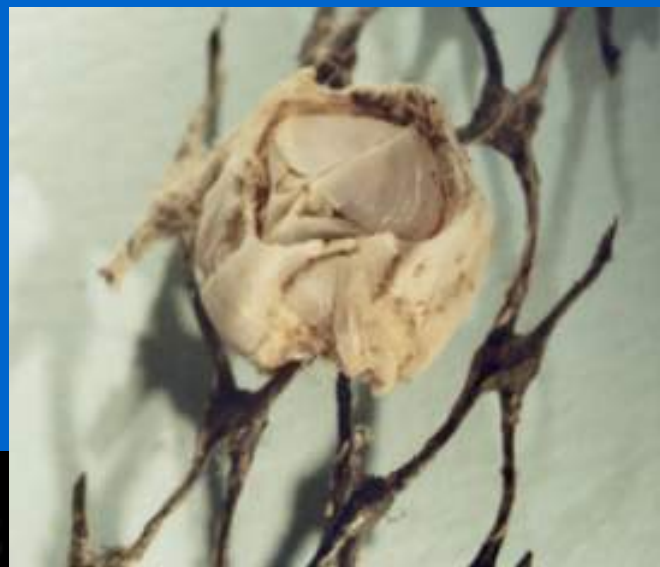
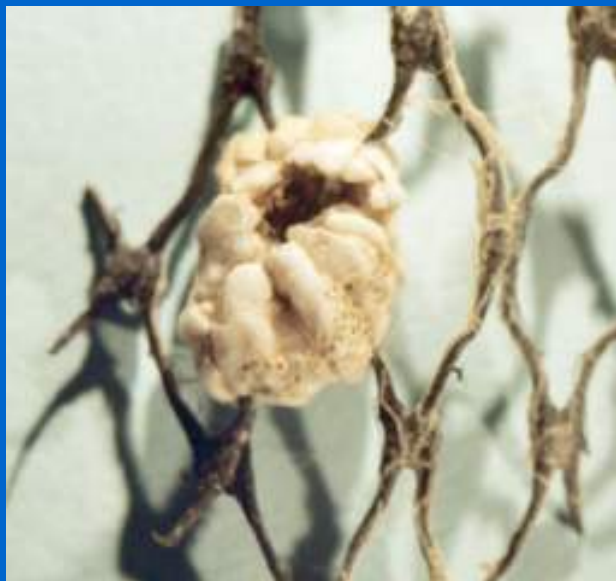


Vergelijking crenatus en balanoides

crenatus

balanoides

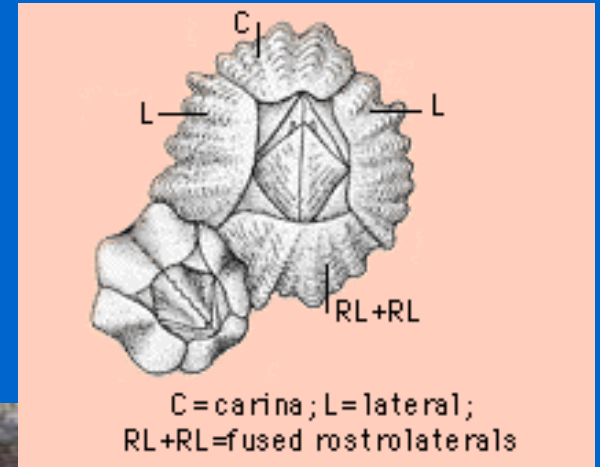




Nieuw-Zeelandse zeepok

Elminius modestus

- Australië en Nieuw-Zeeland
- introductie in Europa tijdens Wereldoorlog II
- 1950 in België
- algemeenste soort
- havens, litoraal, drijvende voorwerpen
- 4 kalkplaatjes





balanoides

crenatus

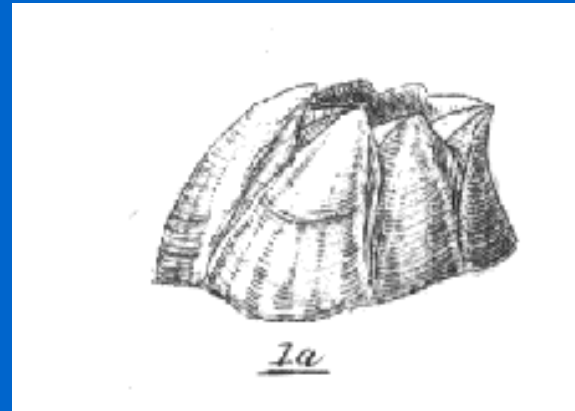
elminius



Brakwaterpok

Balanus improvisus

- vroege introductie?
- warmwatersoort
aangepast aan kouder
klimaat
- van bijna zoet tot marien
- havensoort ; boeien







Bij levende dieren kleur tergosuctale flappen



crenatus



improvisus



balanoides

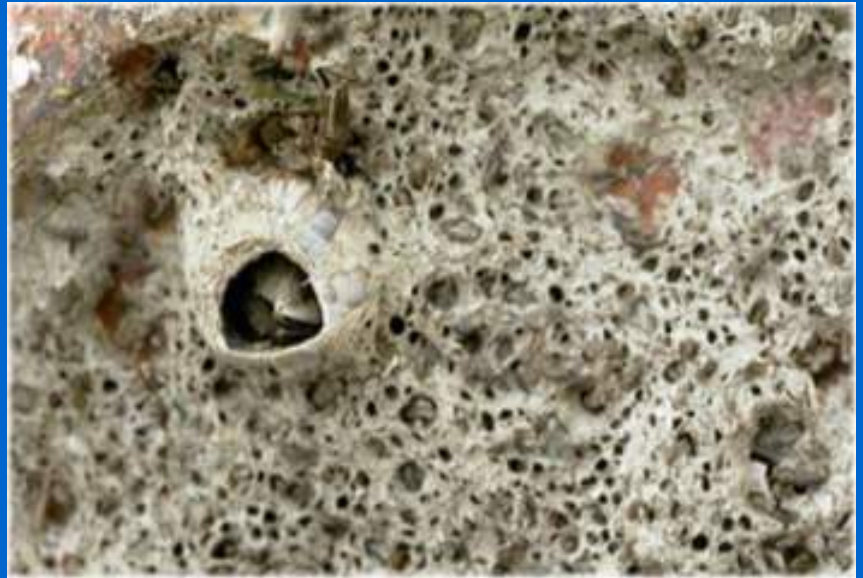


Vulkaantje

Balanus perforatus

- lusitanische soort
- vagrant
- geëxposeerde kusten
- drijvende voorwerpen







Paarse gestreepte zeepok

Balanus amphitrite



Zuidelijke (warmwatersoort)



-havens
-fouling

Zeetulp

Megabalanus tintinnabulum

- kosmopolitisch
warmwater soort
- fouling soort







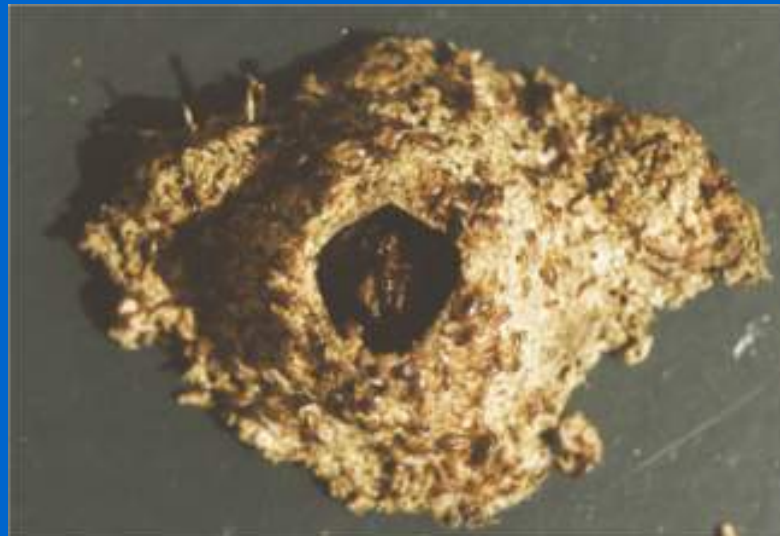
tintinnabulum

2 perforatus



Megabalanus coccopoma

- westkust midden-Amerika
- Brazilië
- fouling
- Noordzee op boeien



Megabalanus coccopoma

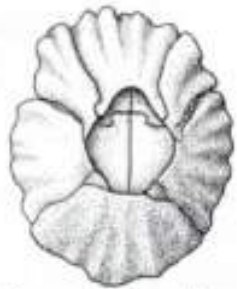


Afrikaanse zeepok: *Solidobalanus fallax*

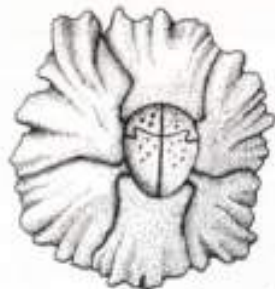


Balanus balanus

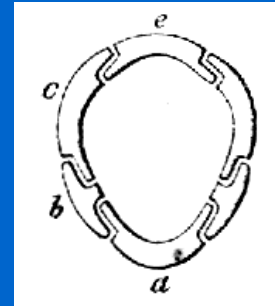
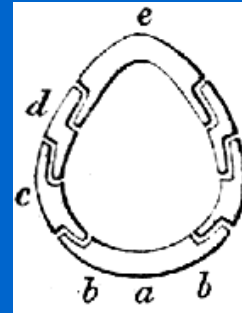




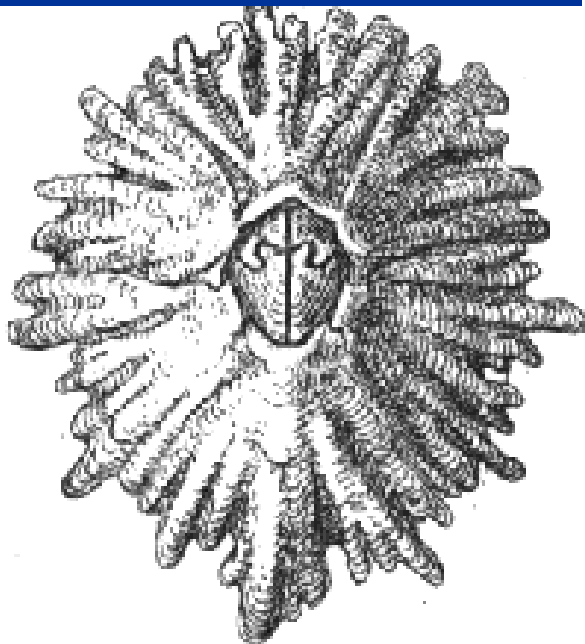
Common Acorn Barnacle



Star Barnacle



Chthamalus





Chthamalus montagui

Chthamalus stellatus



Ritspok *Verruca stroemia*

