

LABORATORIO DE ANATOMÍA ANIMAL

La cucaracha argentina
Blaptica dubia

Disecciones realizadas por los alumnos de Zoología II, curso 2015-2016

A. Palanca, 2017

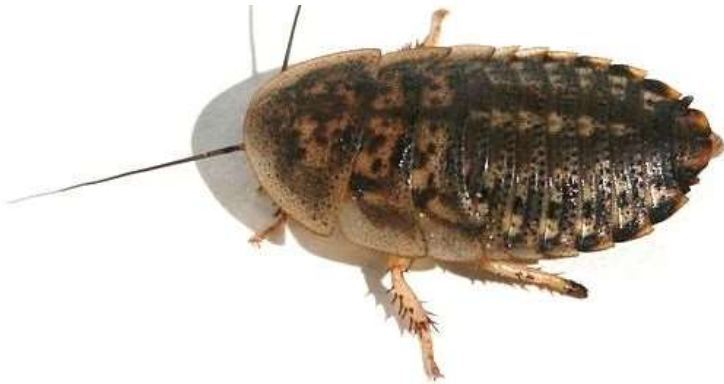
Macho



Hembra



Inmaduro



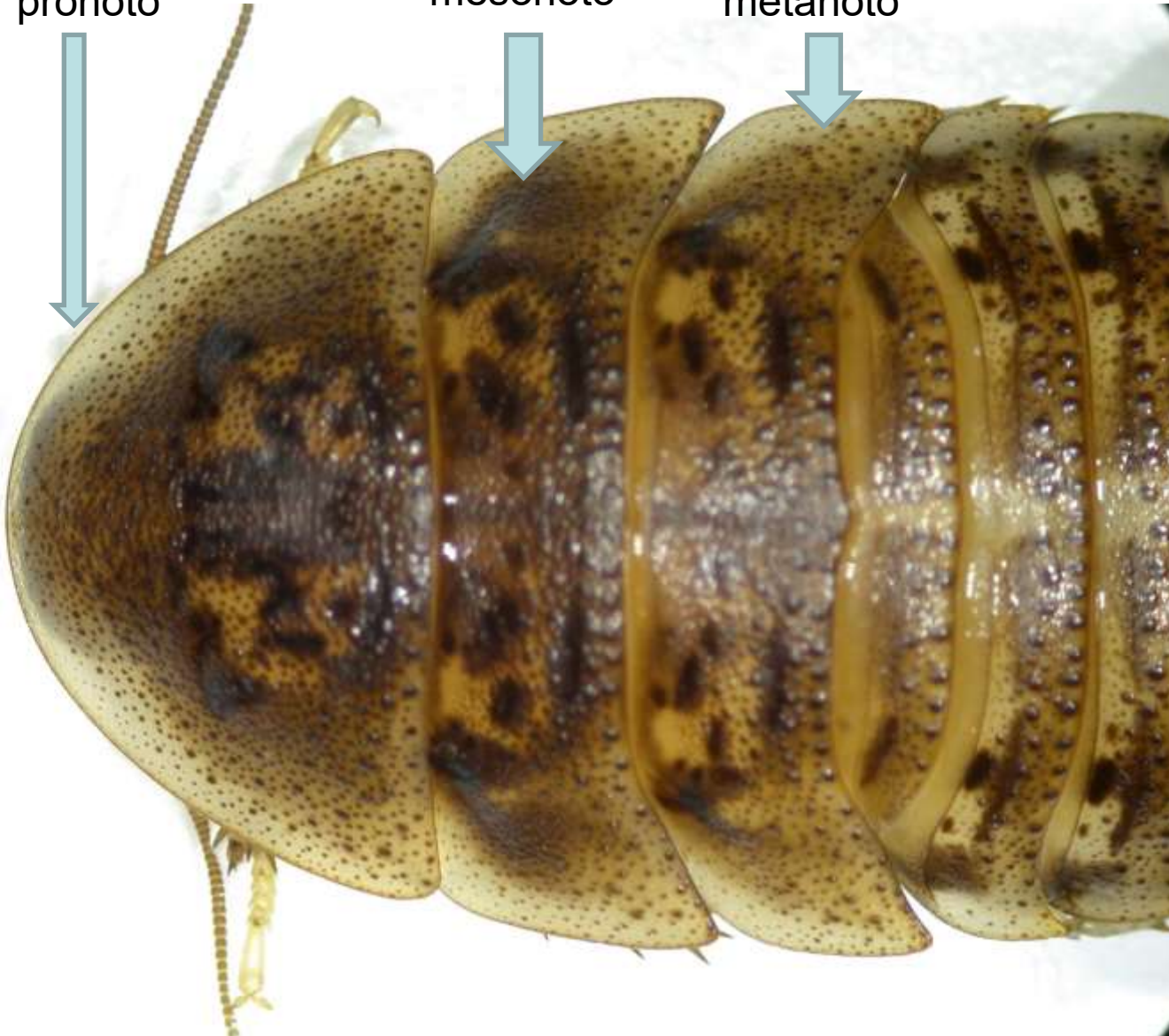
Insecto, *Blattodea*, *Blaberidae*, *Blaptica dubia*

TORAX (terguitos dorsales)

pronoto

mesonoto

metanoto



Segmentos
abdominales (dorsal)



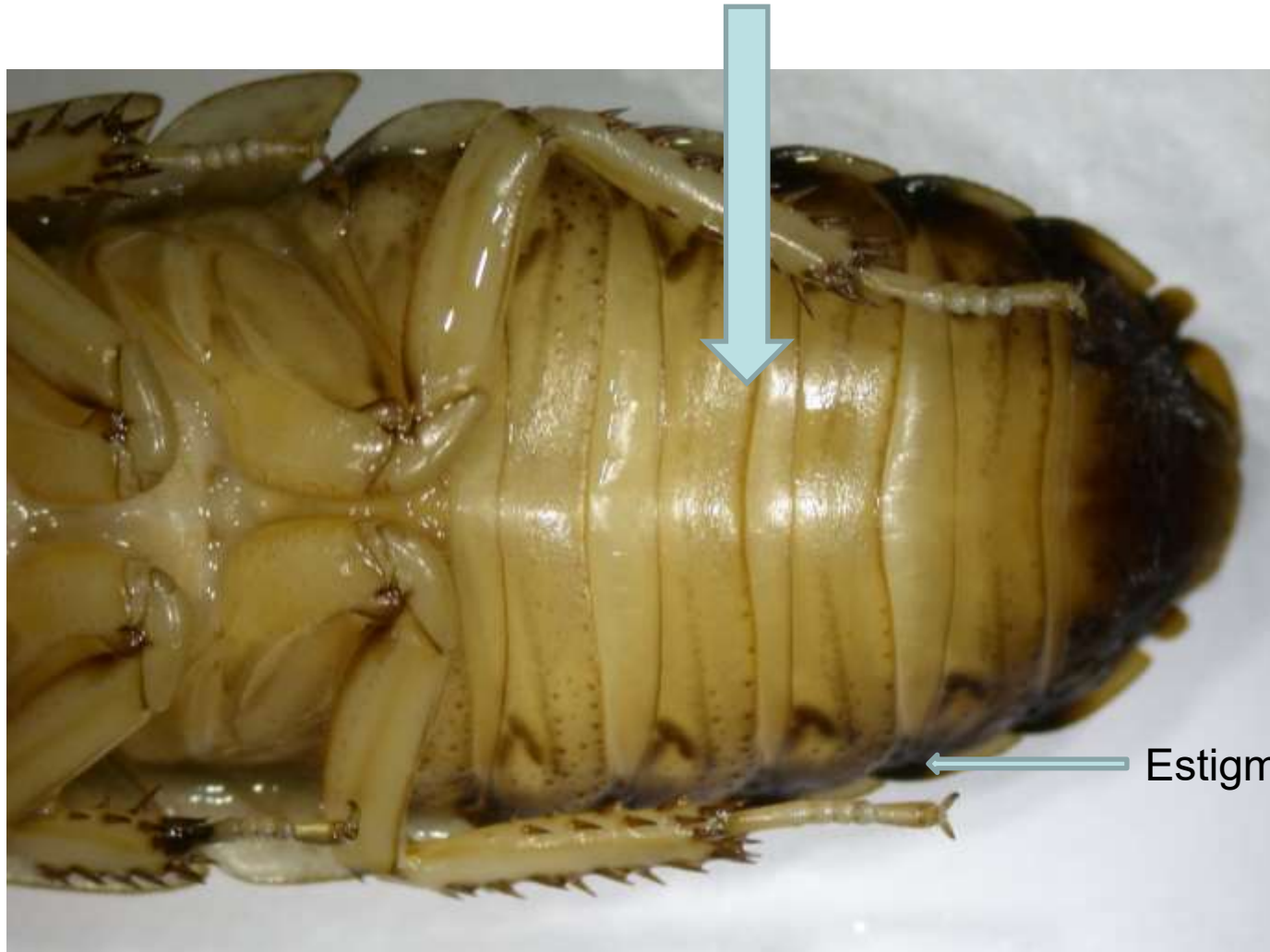
CABEZA

TORAX (esternitos ventrales)

protorax mesotorax metatorax



ABDOMEN (ventral)



Estigmas respiratorios

Labro



Esquema de aparato
masticador

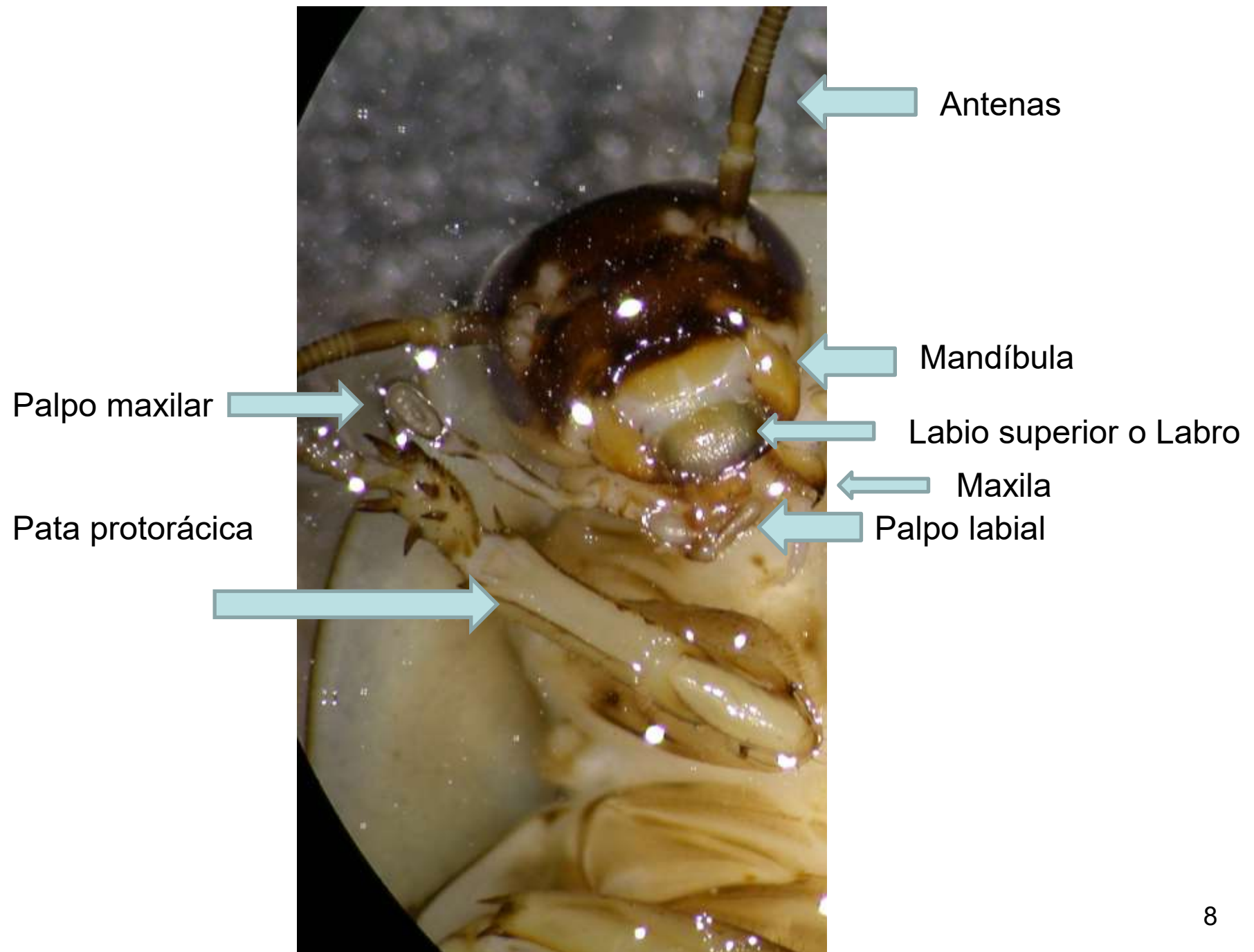
Mandíbulas

Hipofaringe

Maxilas

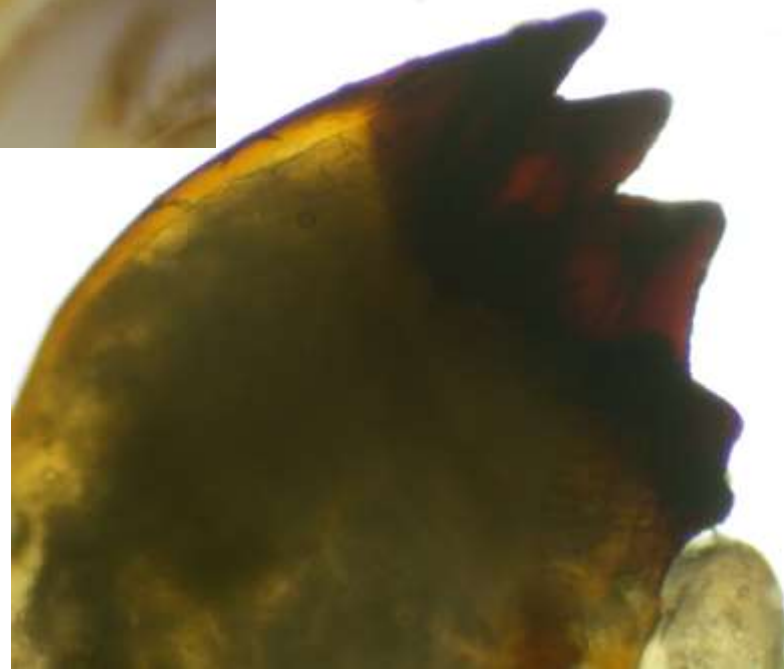
Labio



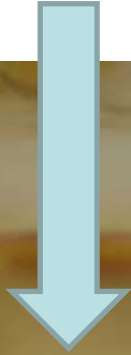


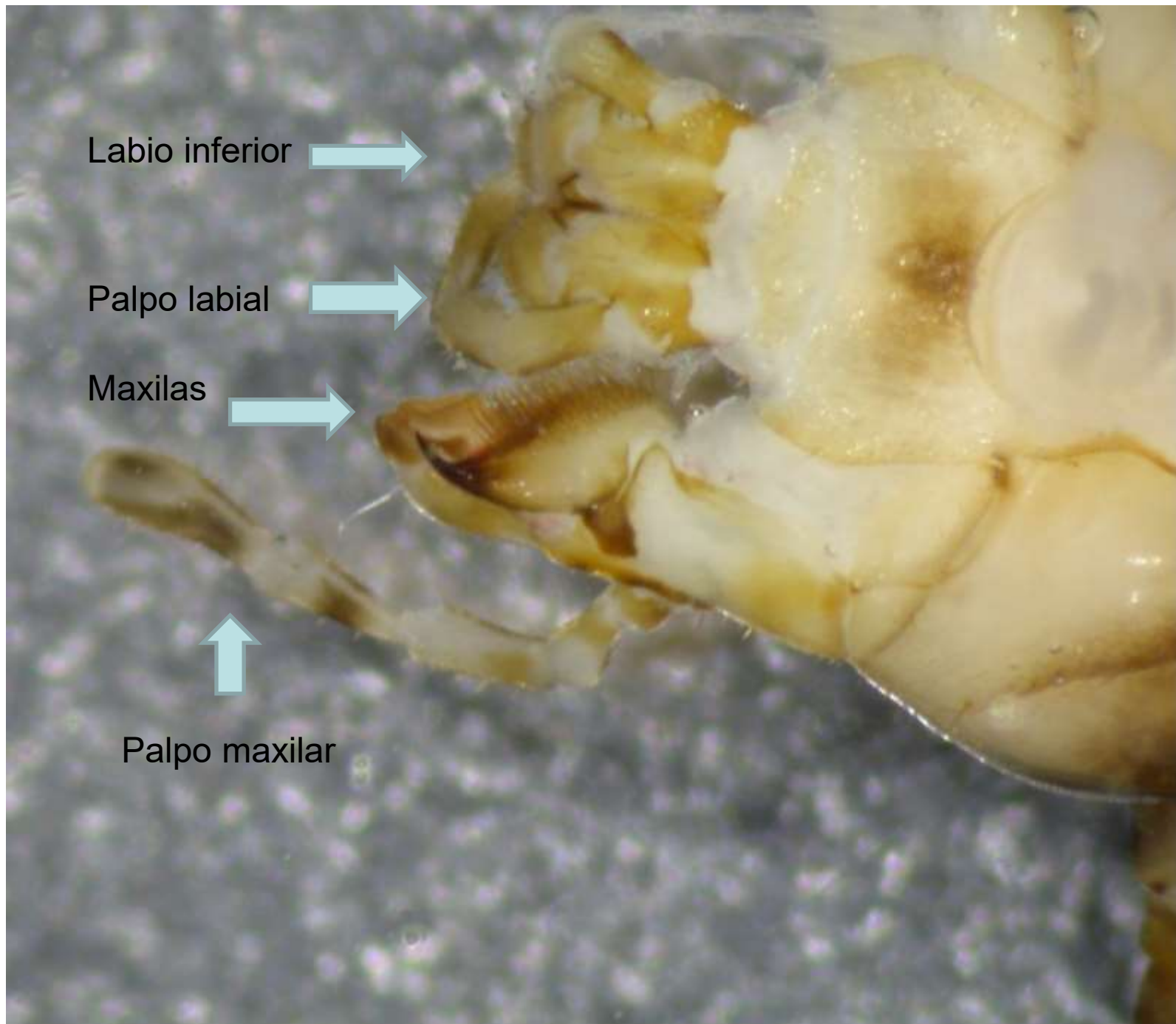


Mandíbulas



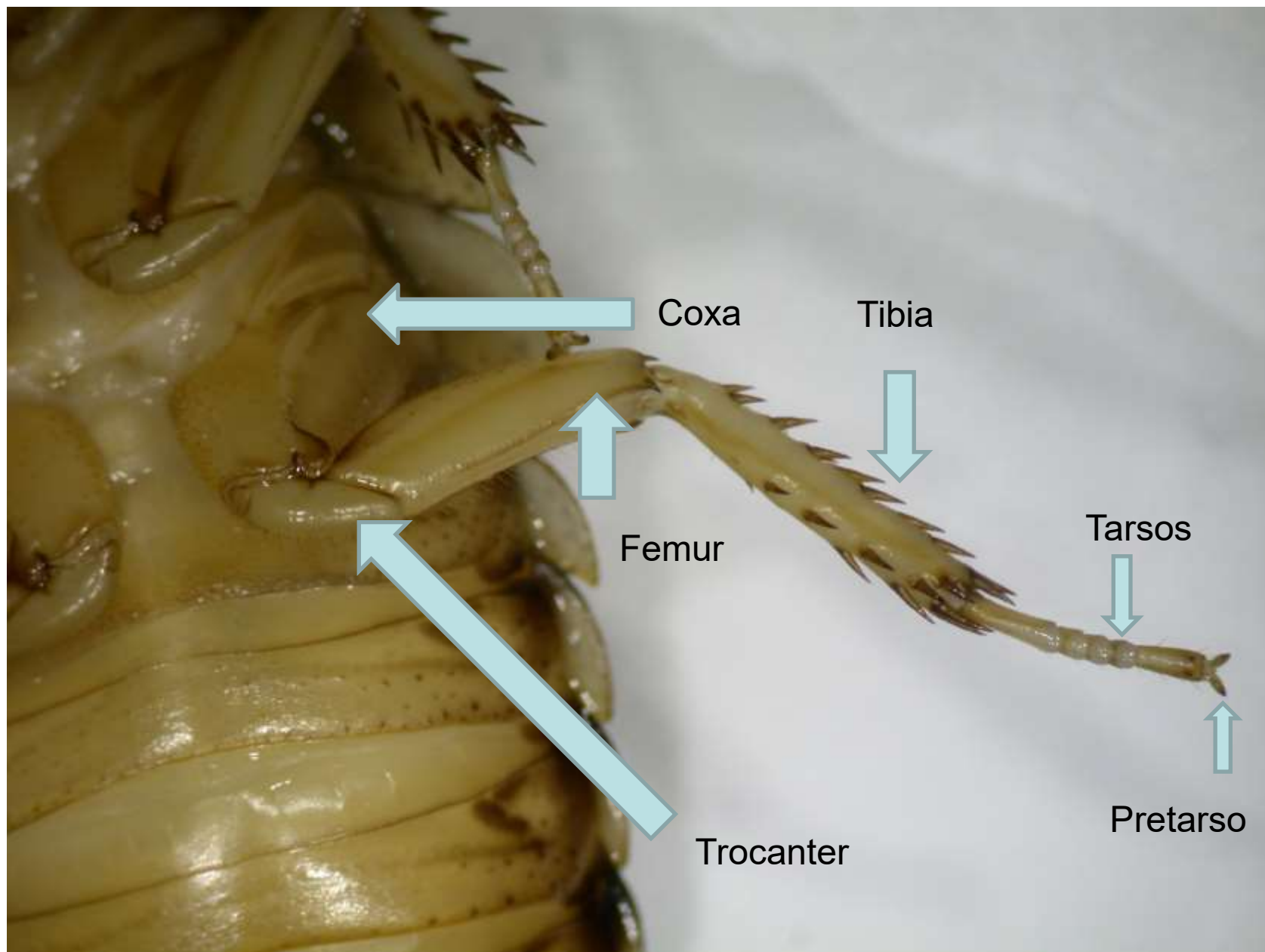
Hipofaringe



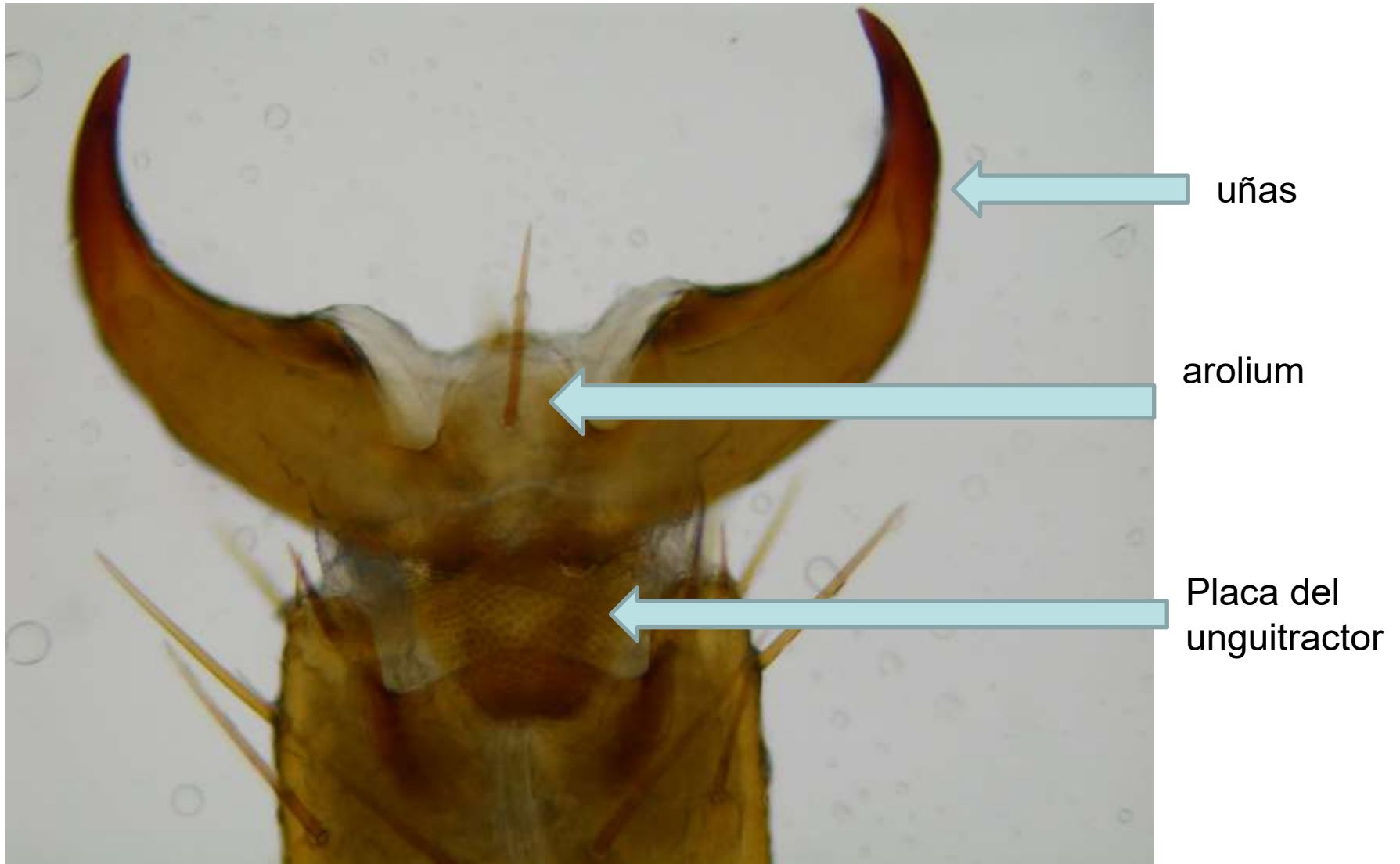


Detalle de la maxila





Detalle del pretarso



Placa del unguitractor

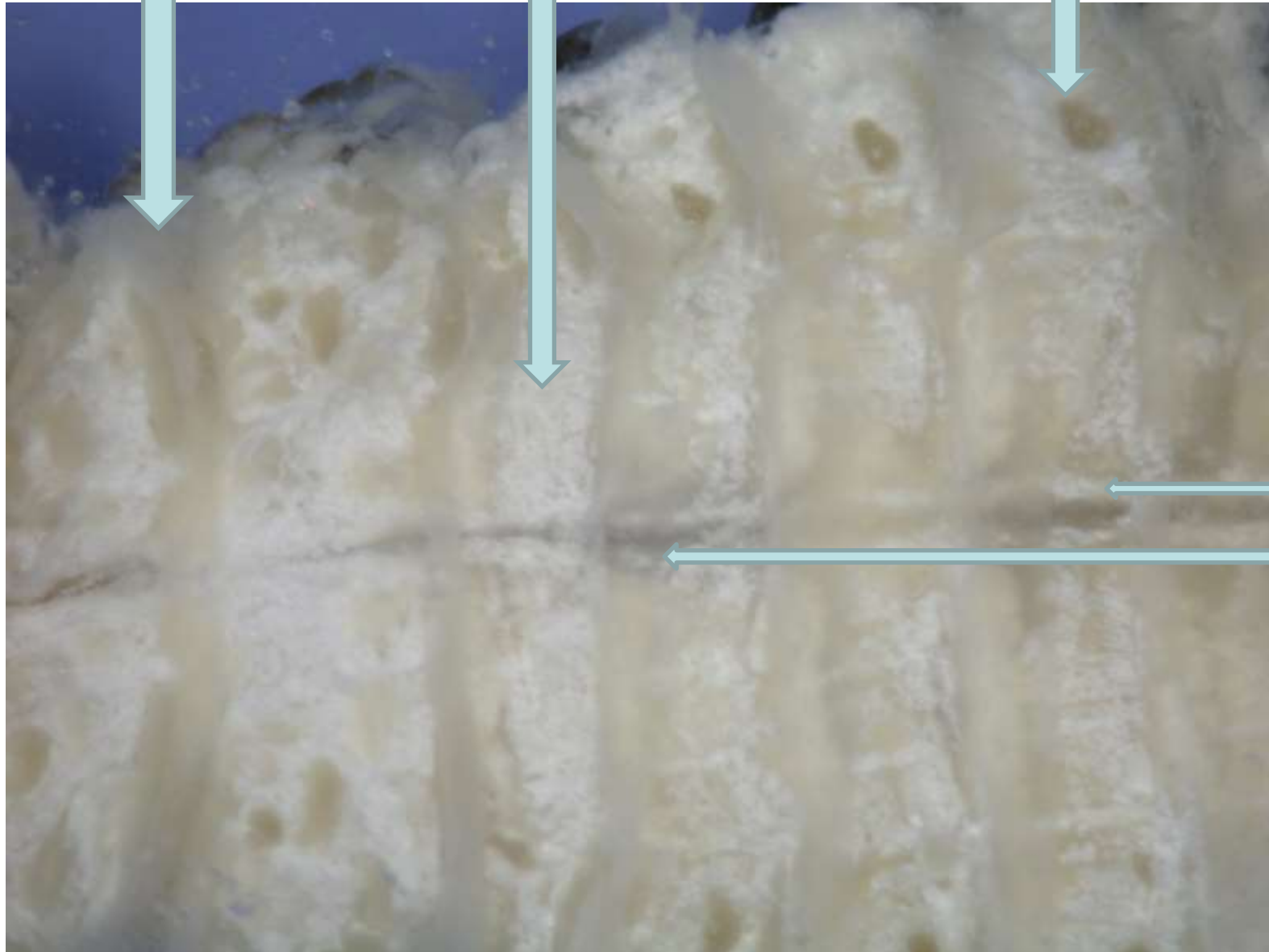


Vista interna dorsal (retirados los terguitos)

Músculos

Diafragma pericárdico
(blanco intenso)

Área glandular interna
(glándulas repugnatorias)



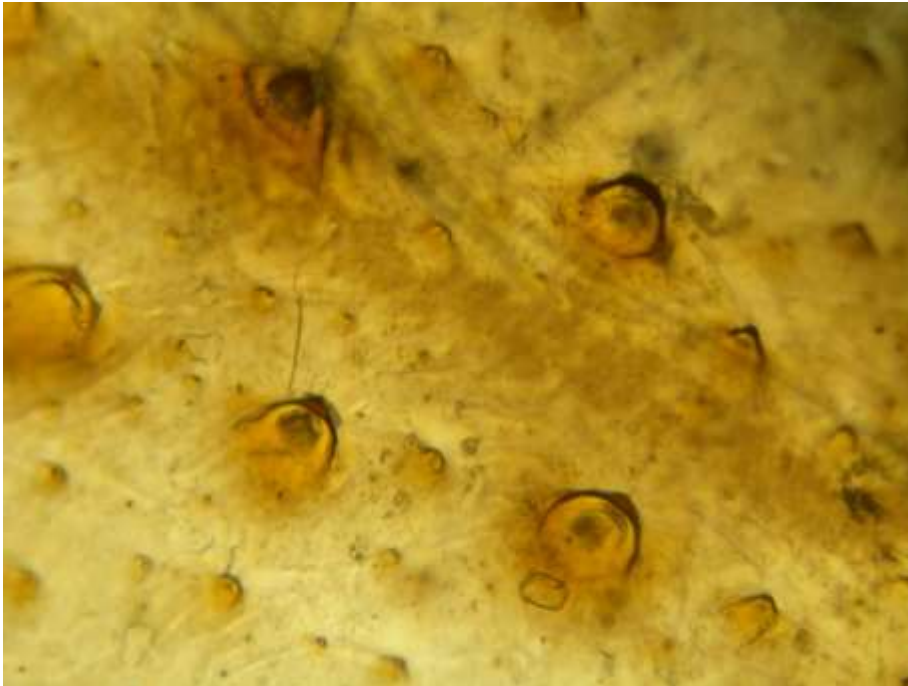
Corazón

Glándulas abdominales repugnatorias



Área glandular
Interna

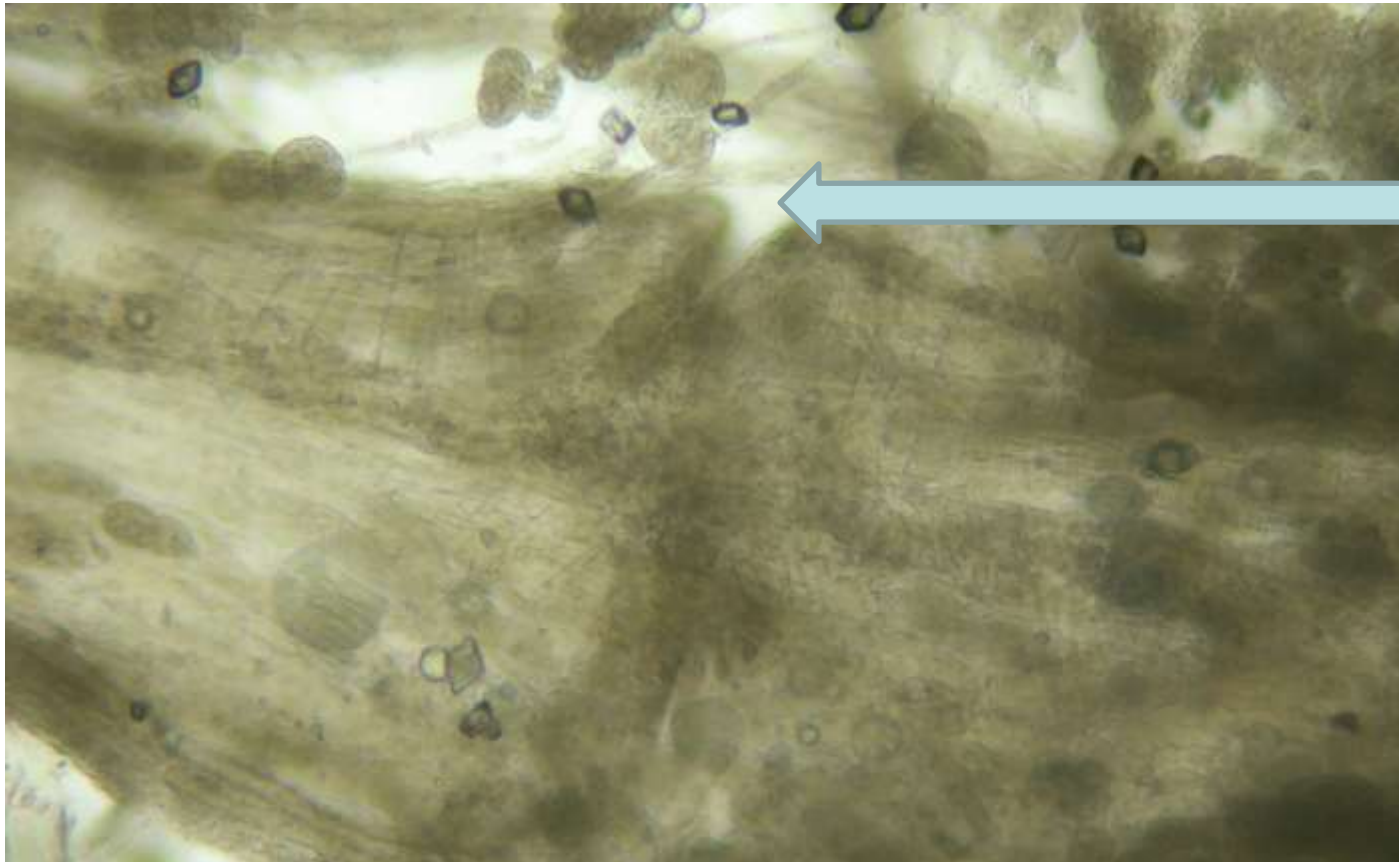
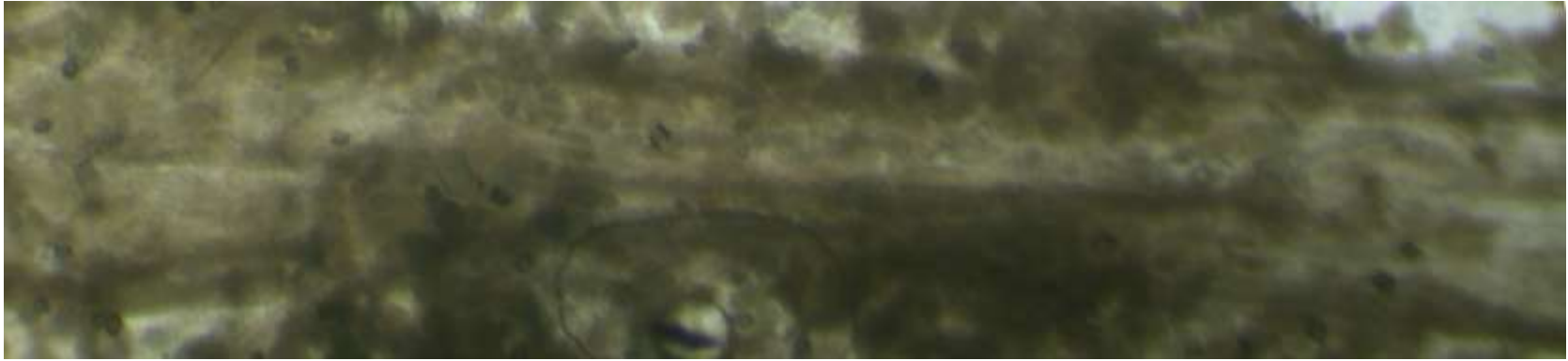
Vista interna del terguito dorsal



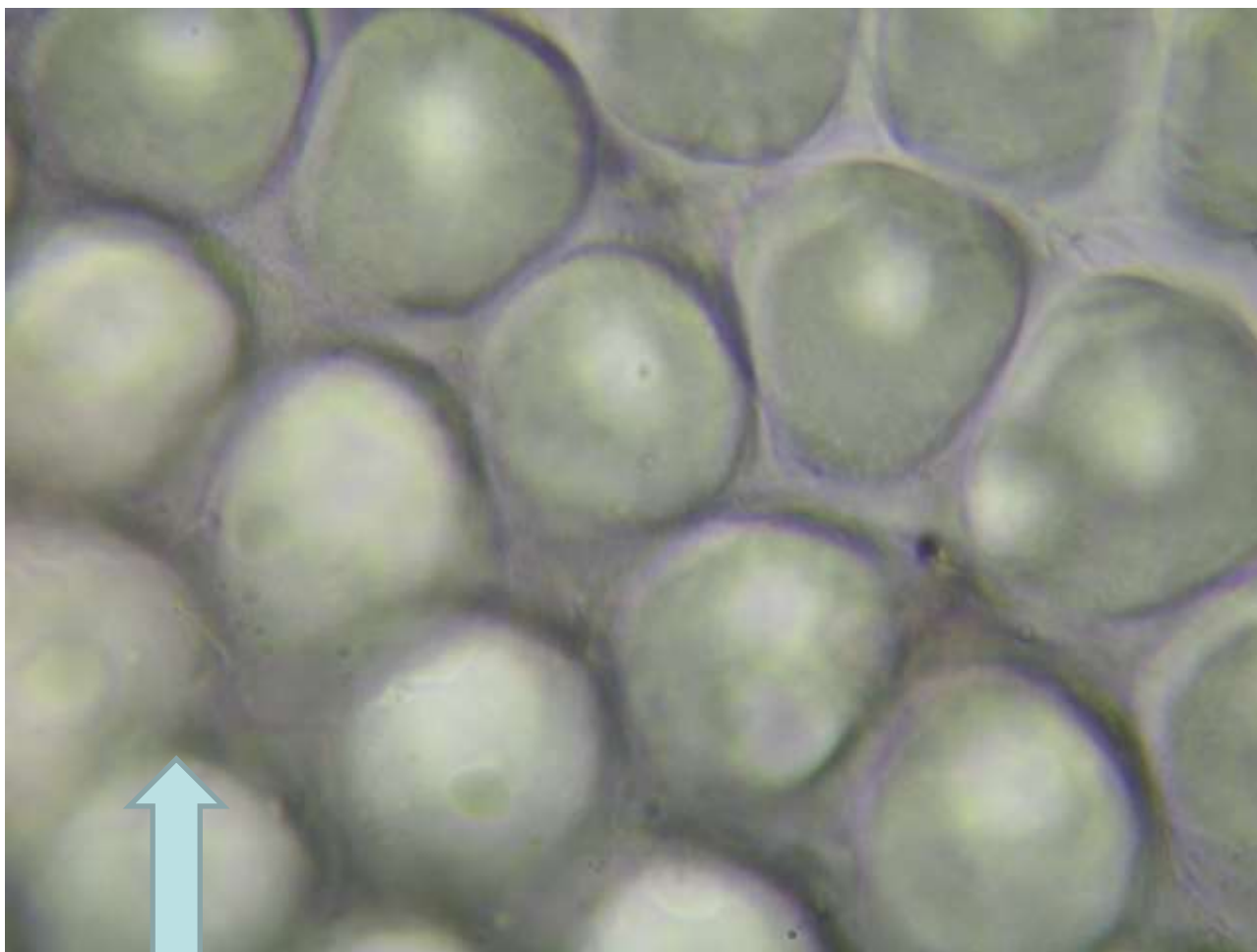
Área glandular vista externa del terguito dorsal



Vaso sanguíneo dorsal tubular (corazón)



Ostiolo

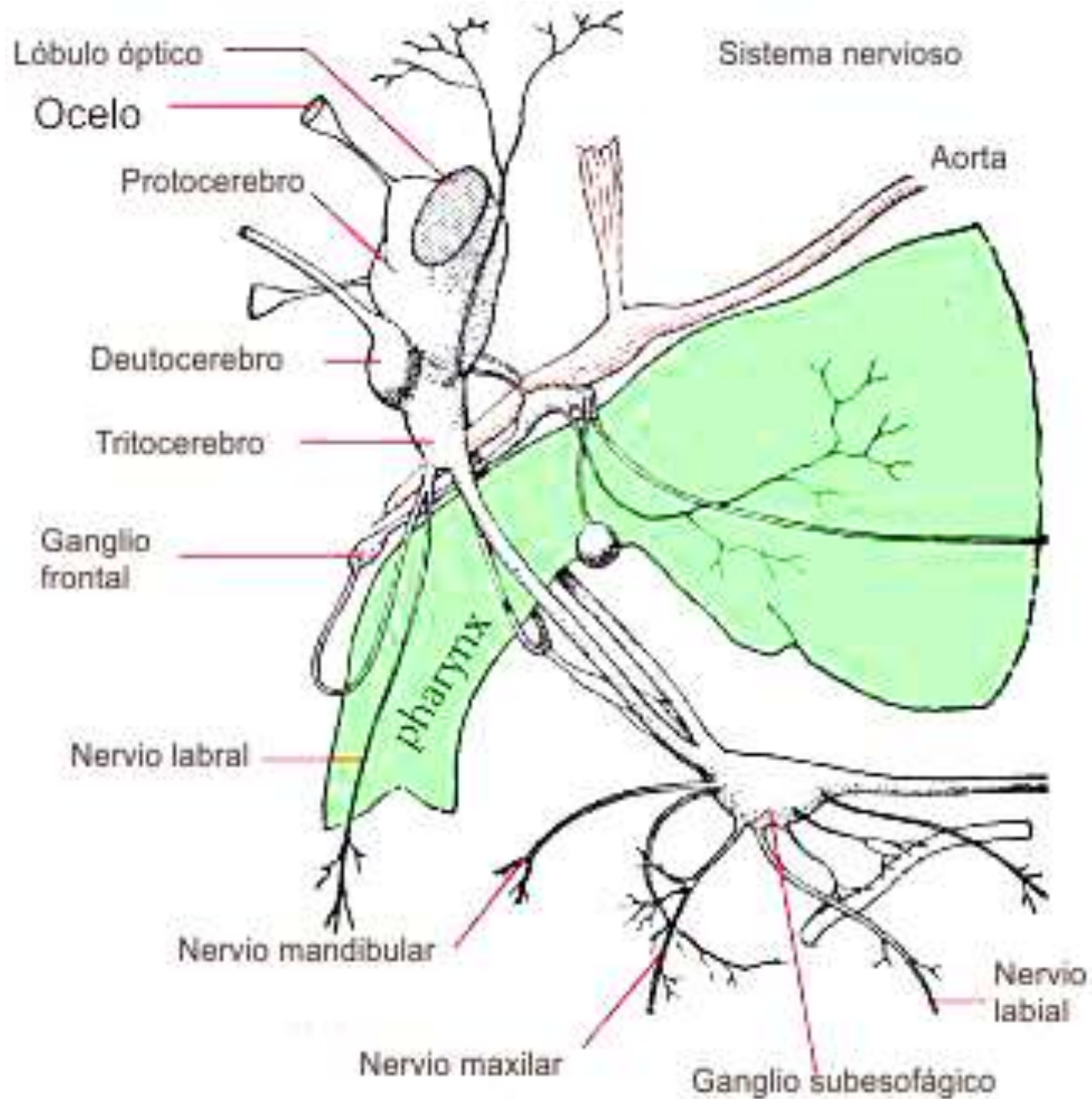


Omatidios

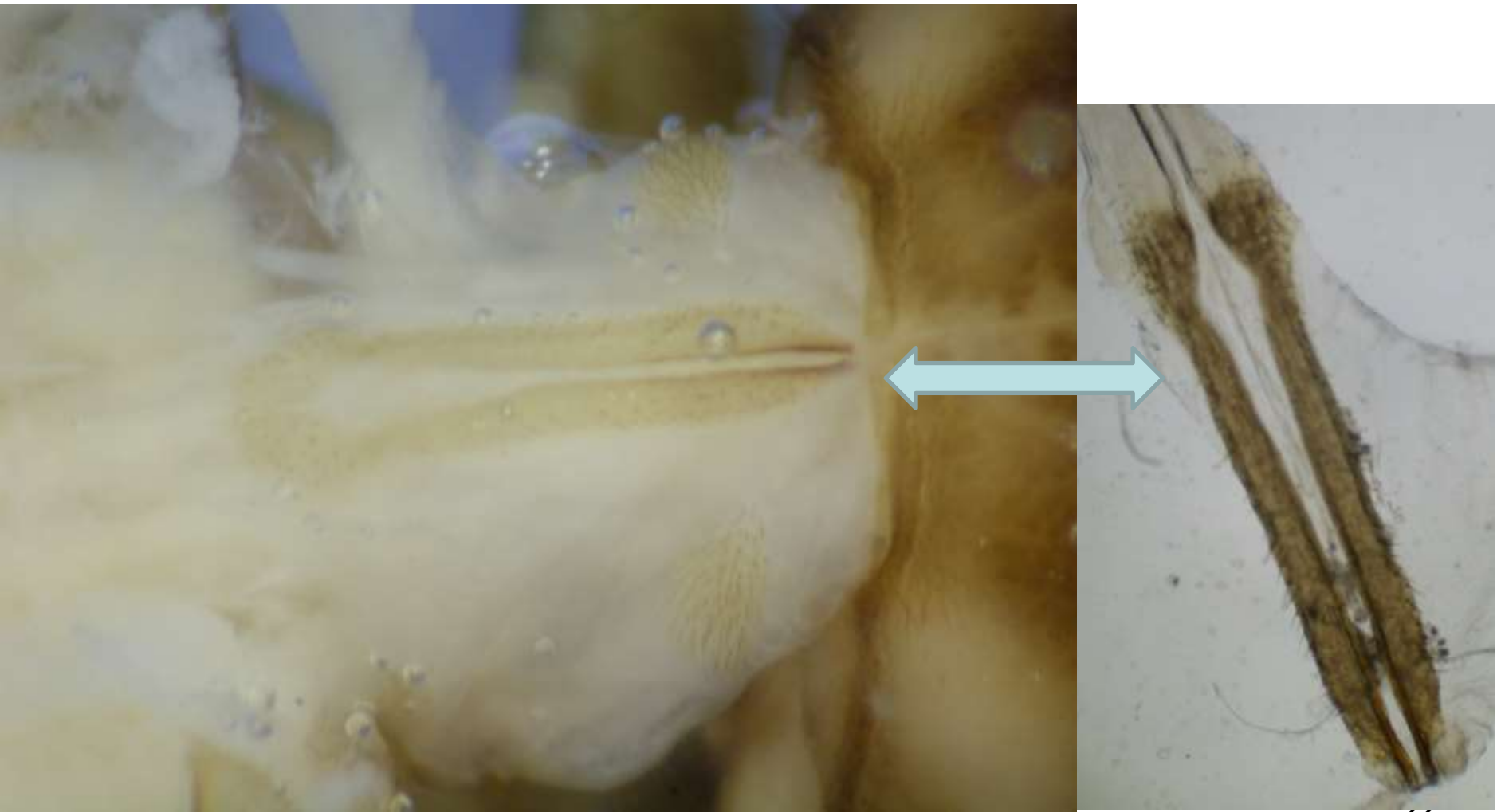


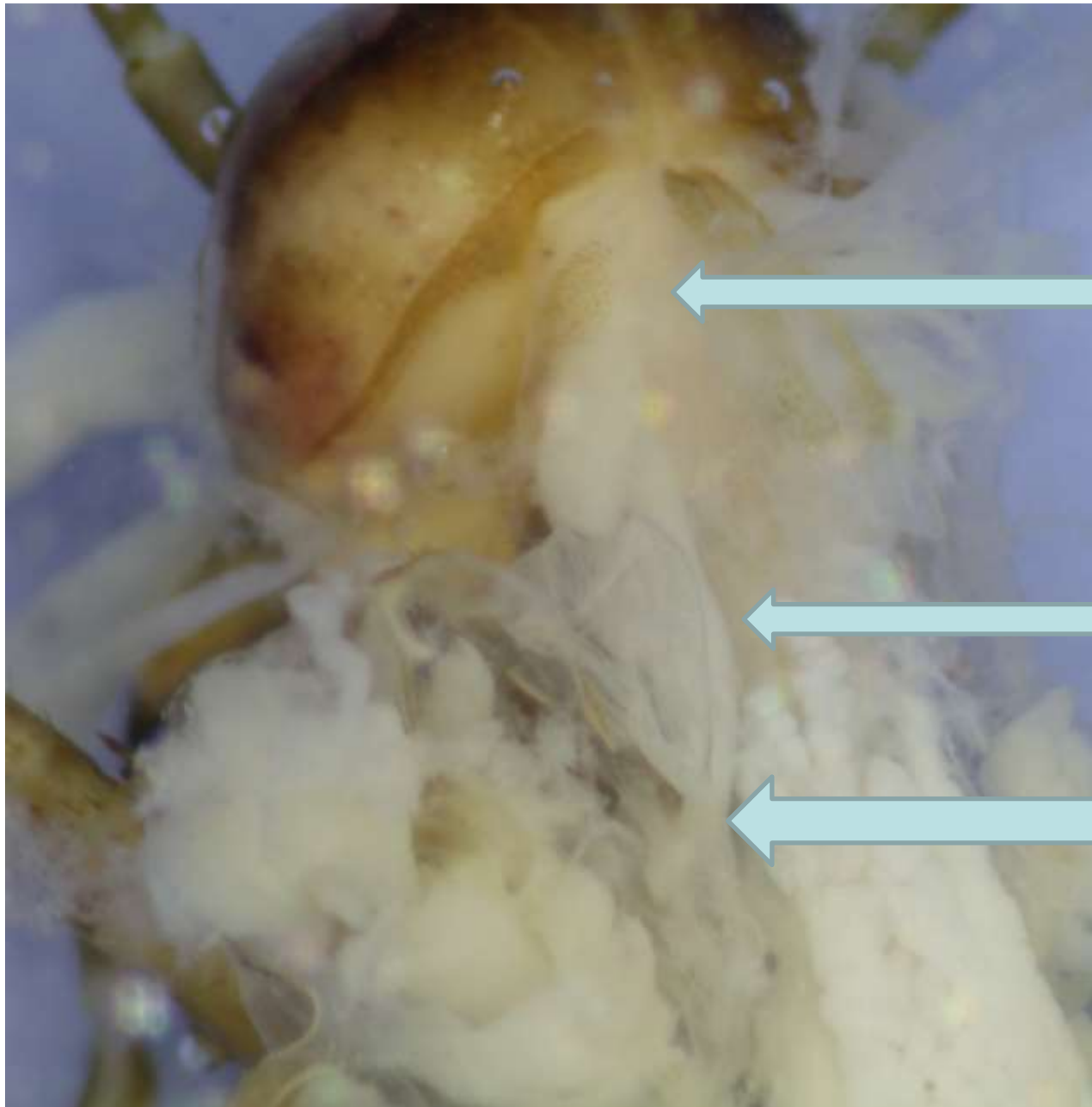
Ojos

Antena



Tentorio; endoesqueleto (apodemas) de la cabeza que soporta el cerebro y el esófago y sirve de anclaje a ciertos músculos cefálicos





Cerebro

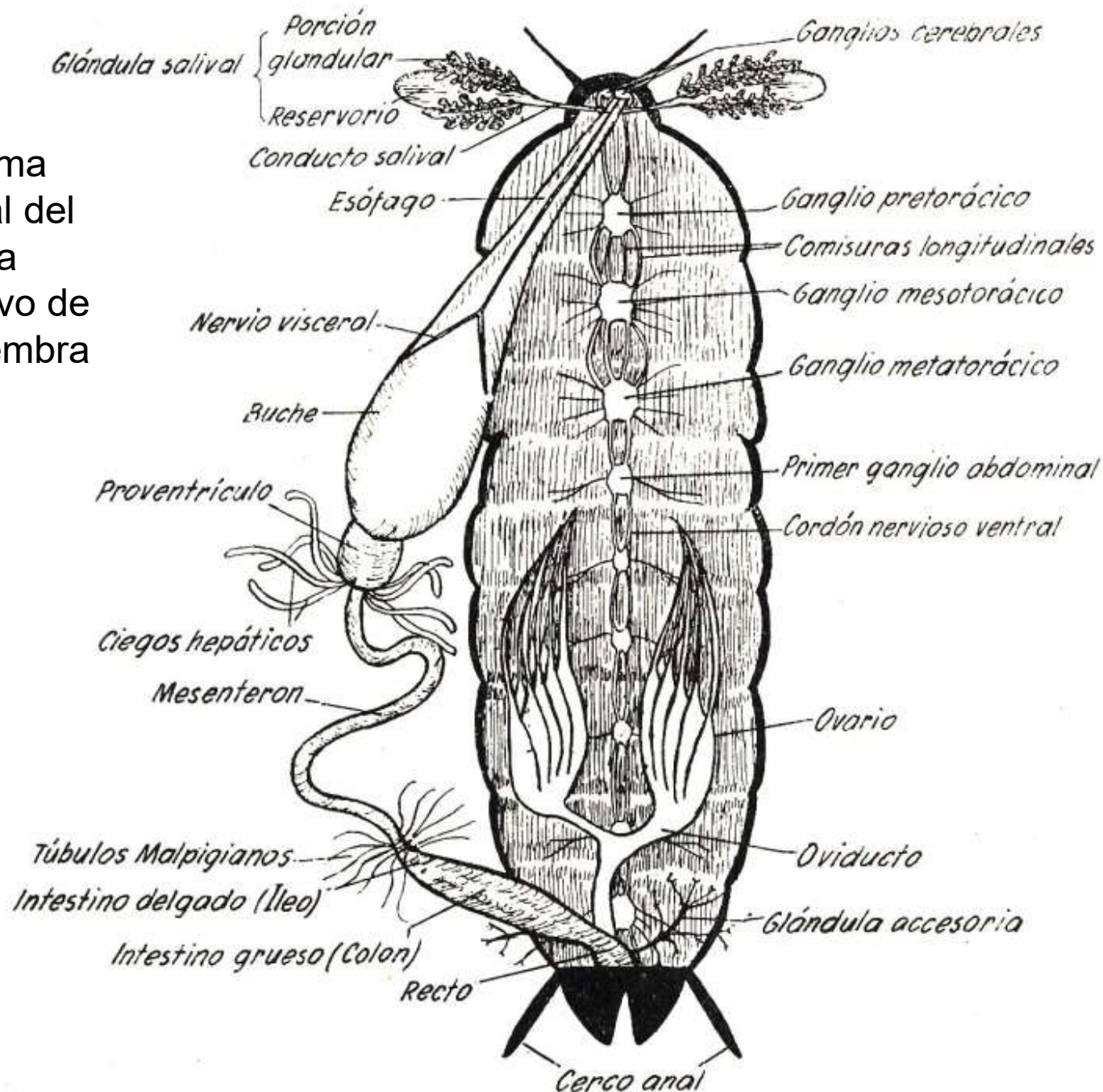
Sistema
circumesofágico

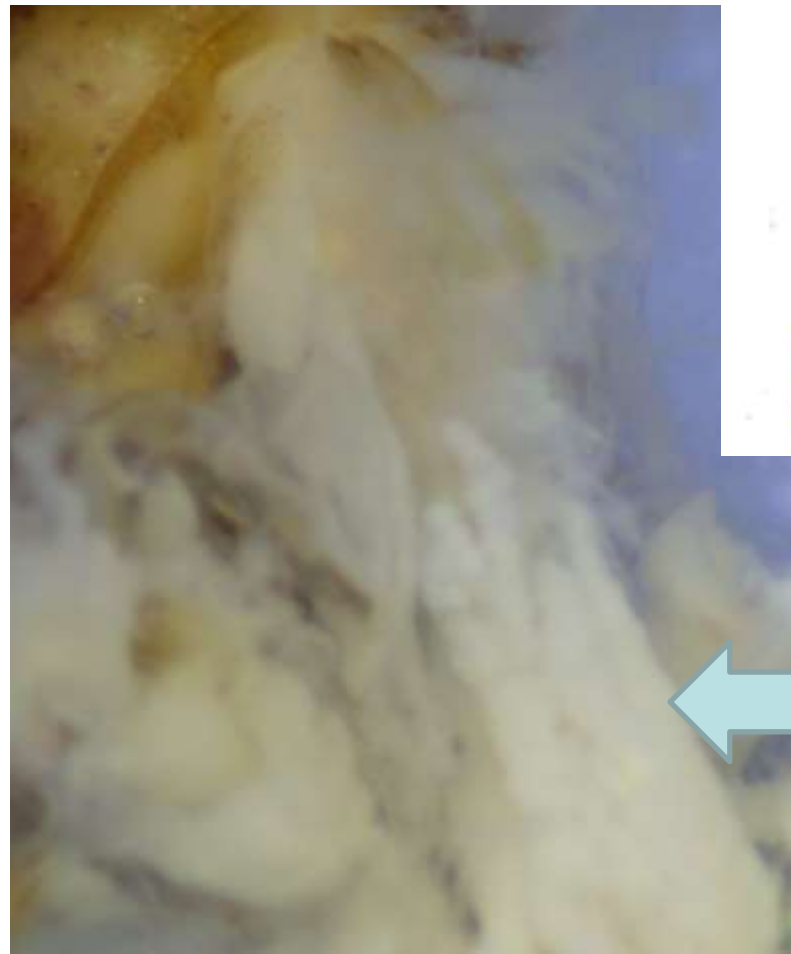
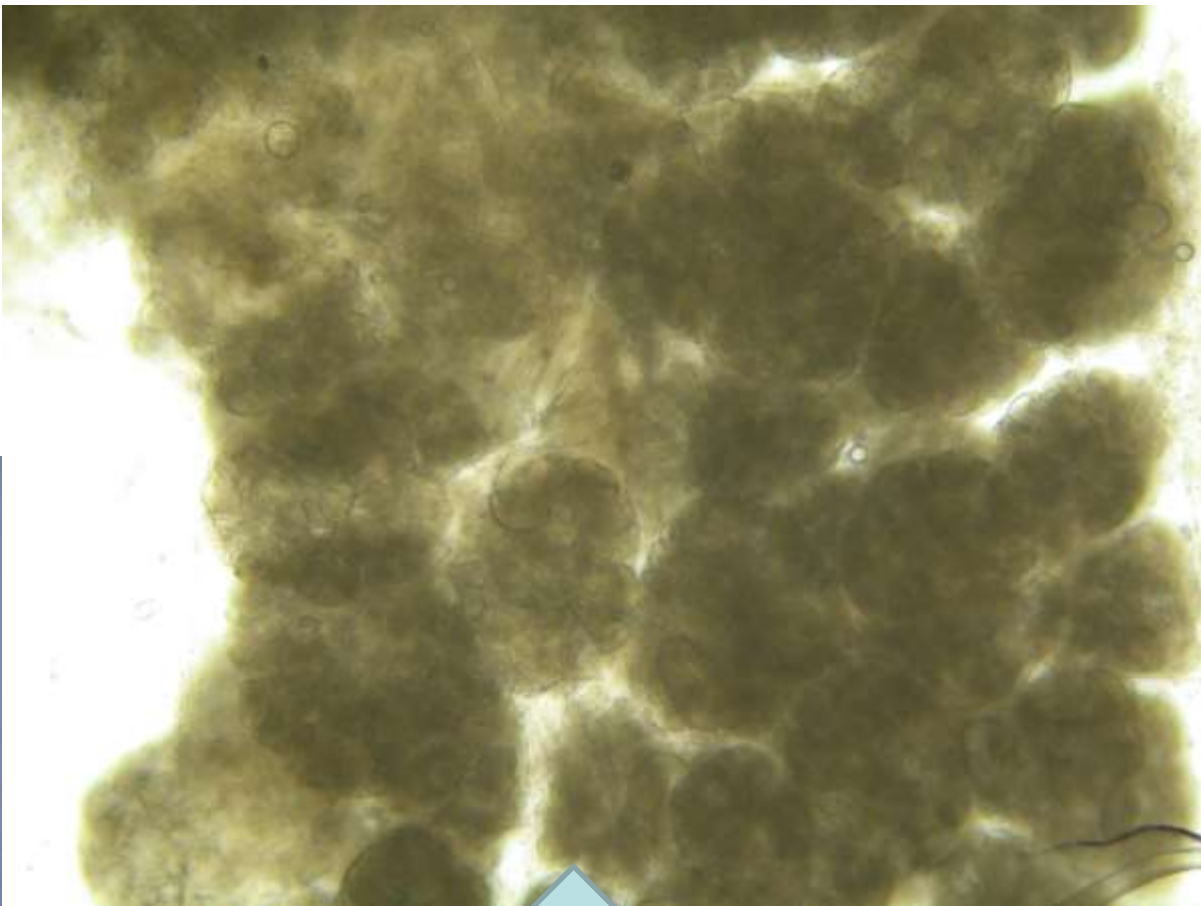
Ganglio subesofágico

Sistema nervioso ventral

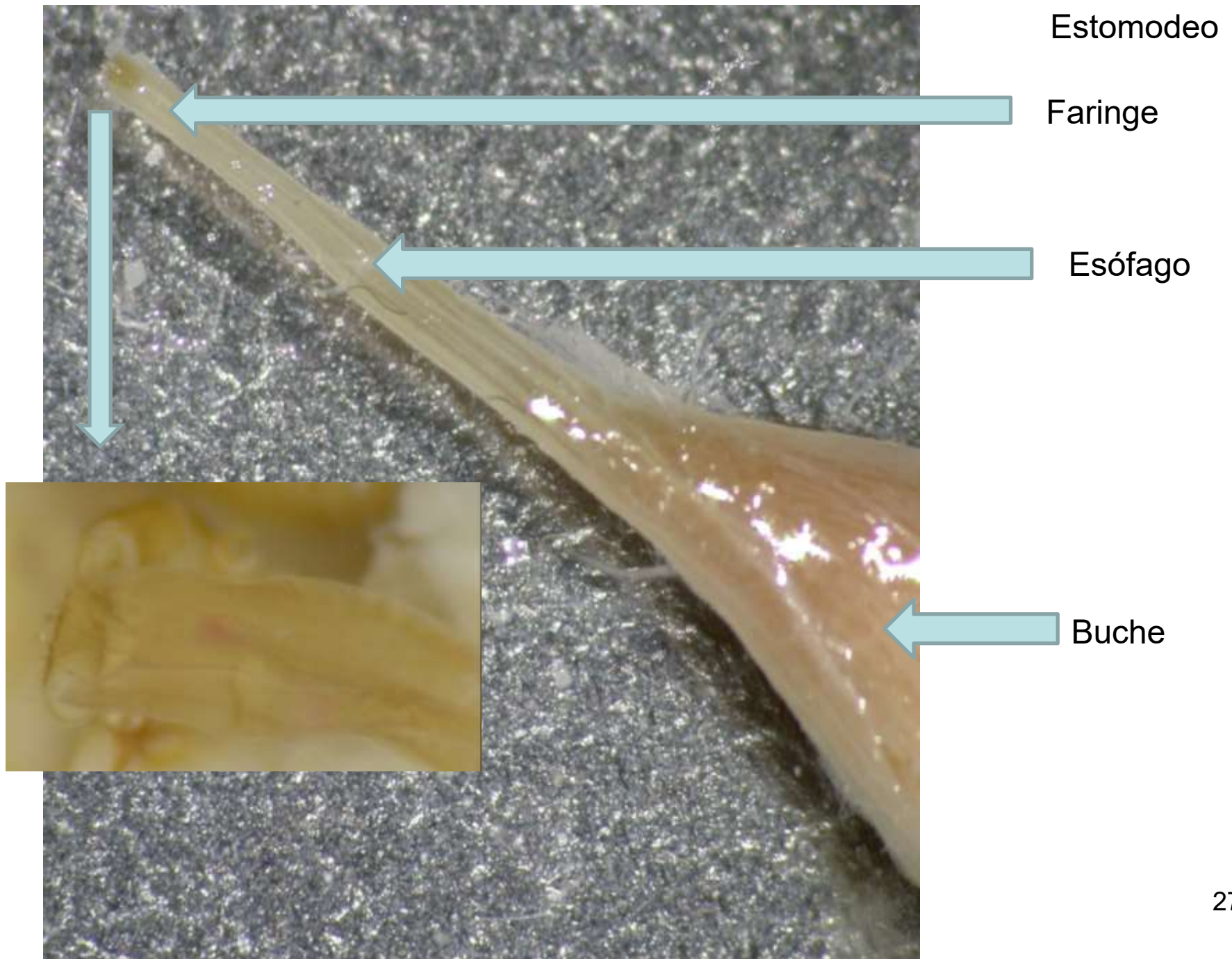


Esquema general del sistema digestivo de una hembra





Glándulas salivares

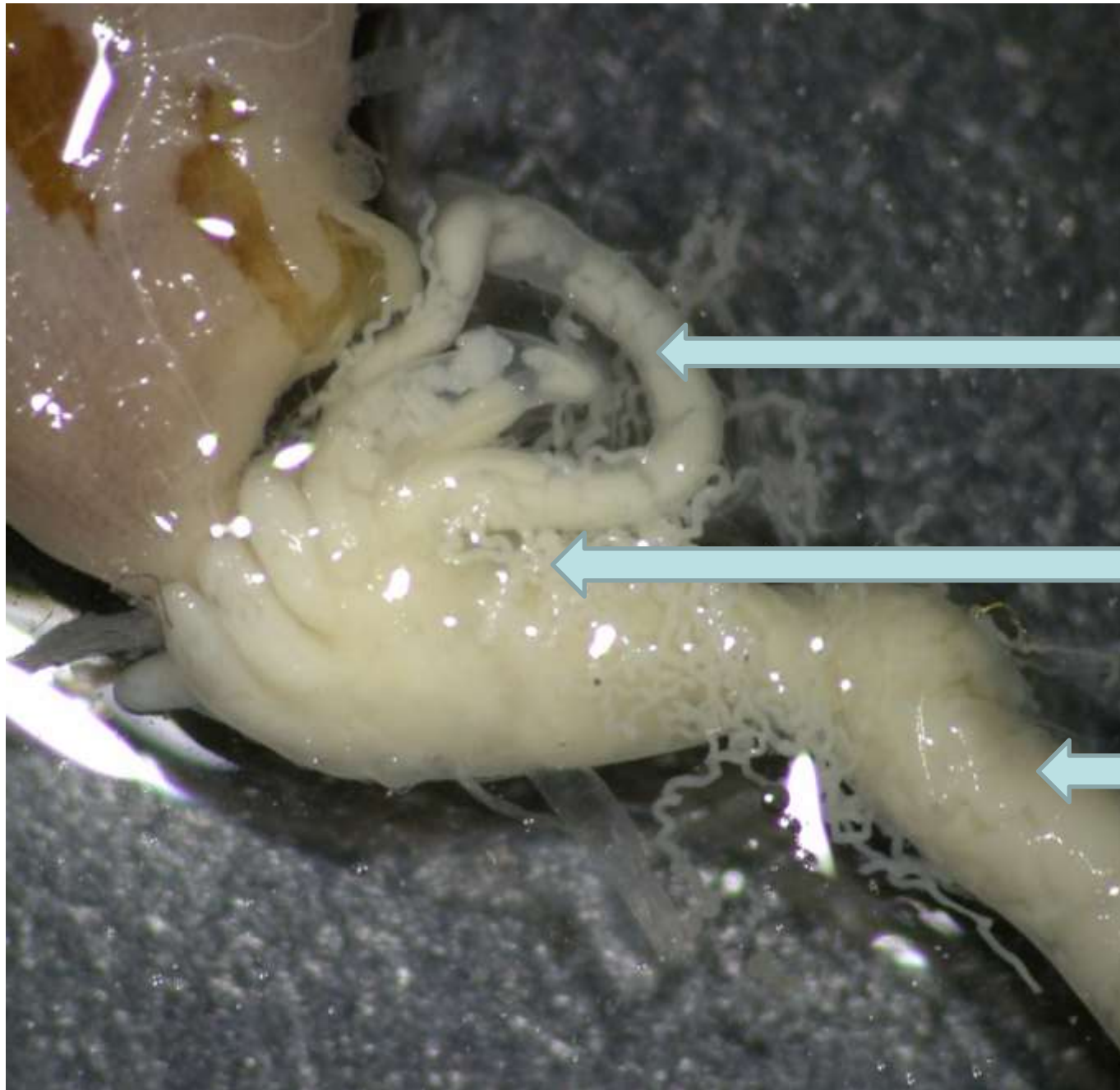




Buche



Proventrículo



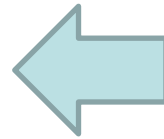
Ciegos hepáticos

Proventrículo

Mesenterón

Intestino enrollado in situ





Mesenterón
(Intestino medio)

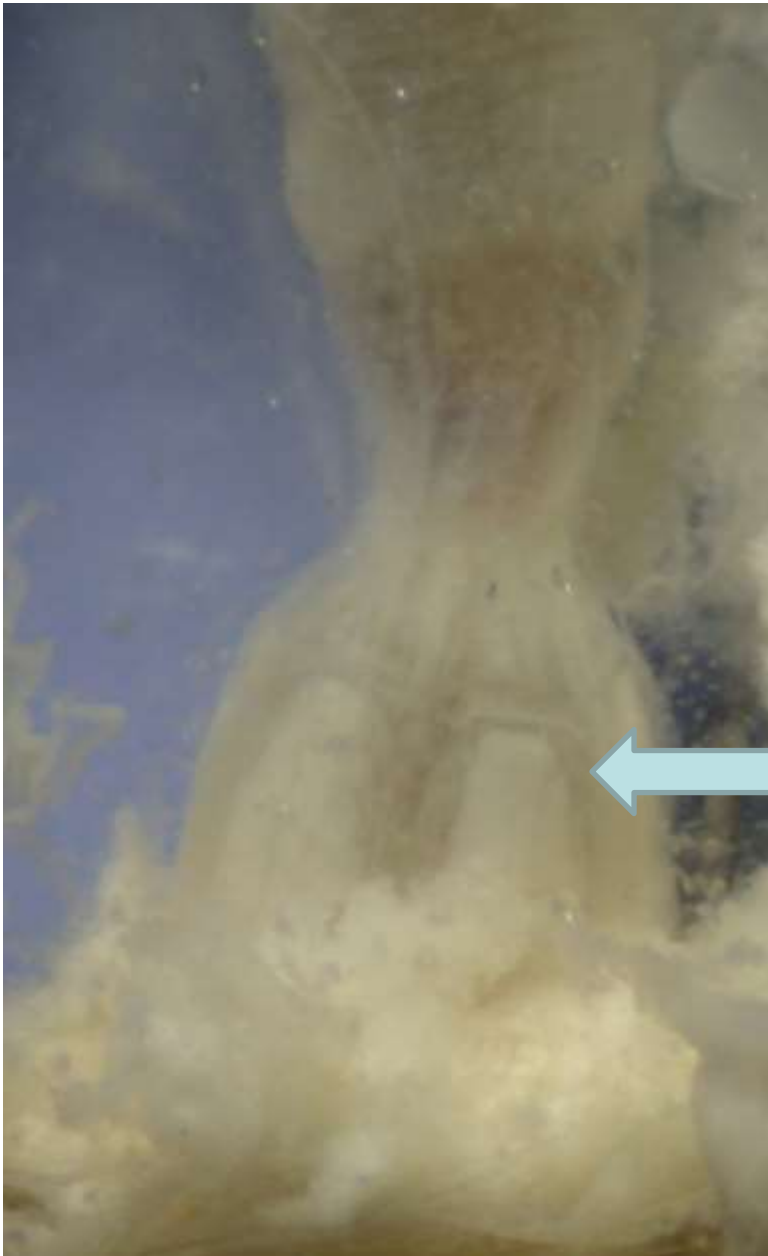
Proctodeo

Válvula pilórica

Tubos
de Malpighi

Recto

Intestino
grueso

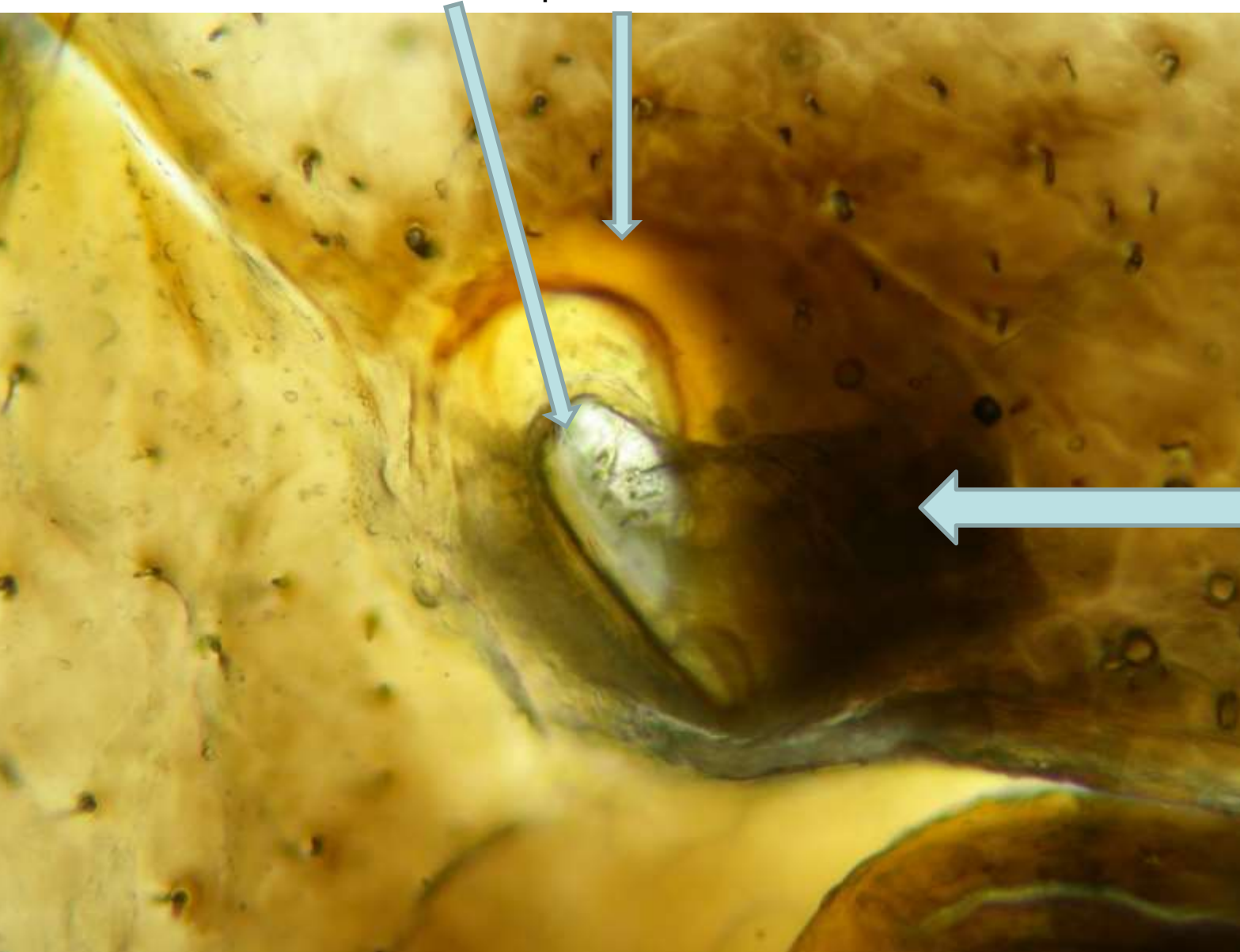


Ampolla rectal

Estigma: sistema respiratorio traqueal (cara externa lateral entre los terguitos y los esternitos)

filtro

peritrema



Tráquea
interna
vista por
transparencia