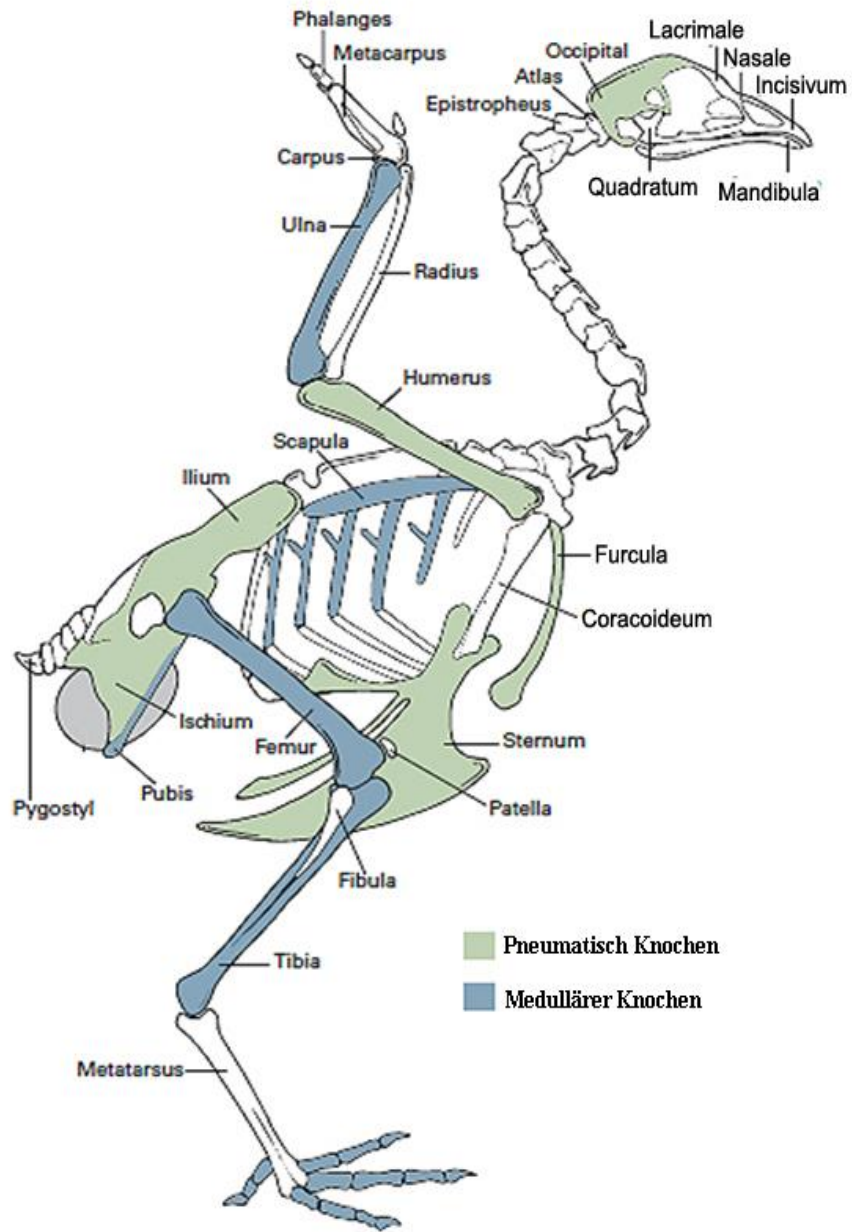


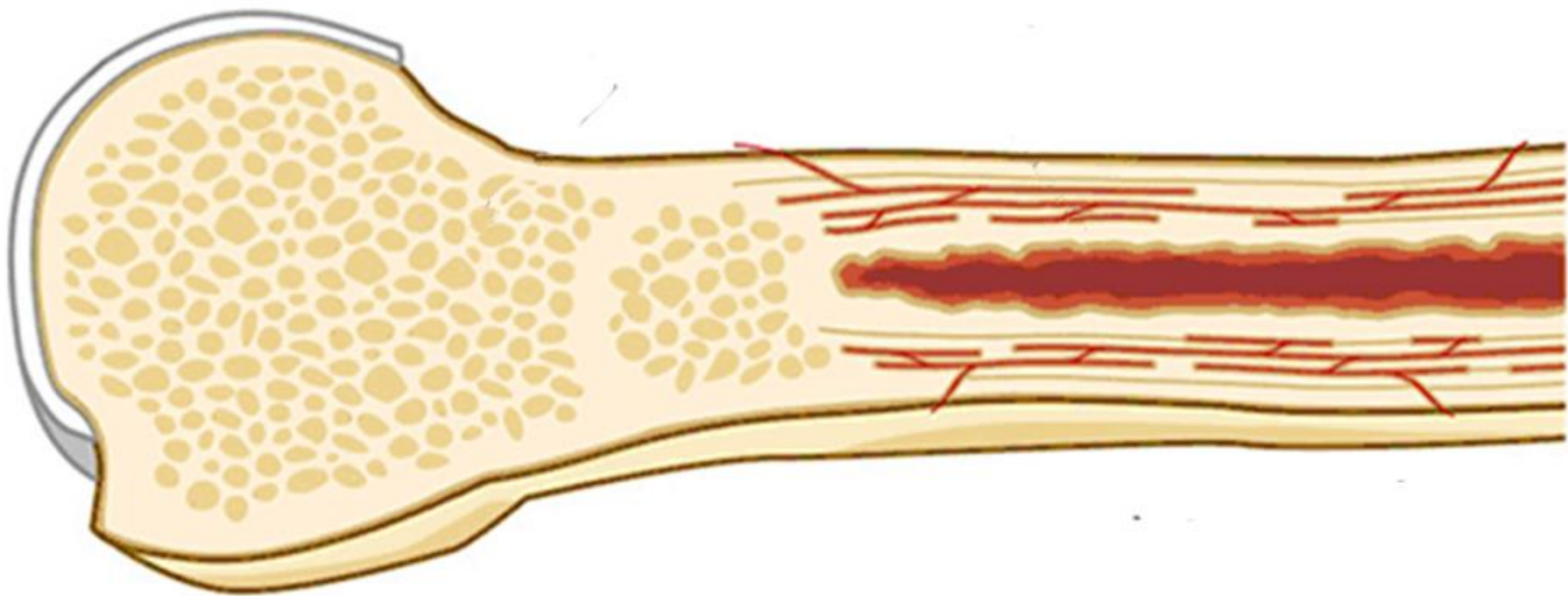
Állatorvos-tudományi Egyetem
Anatómiai és Szövetteni tanszék

Bewegungsapparat der Vögel

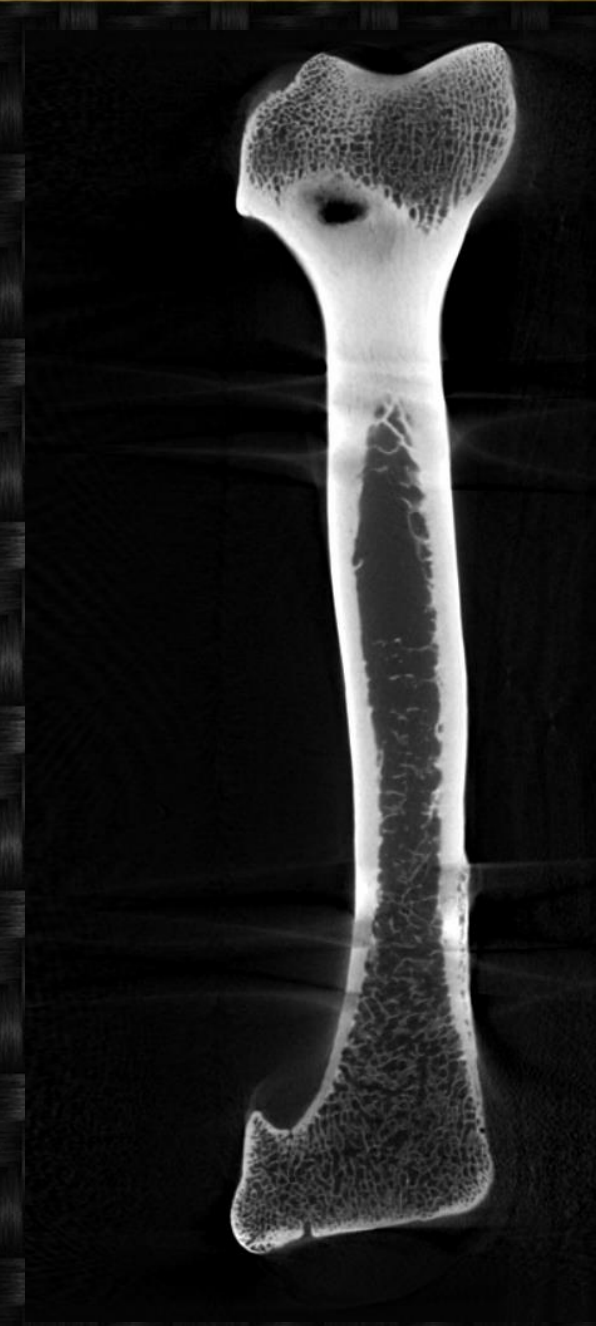
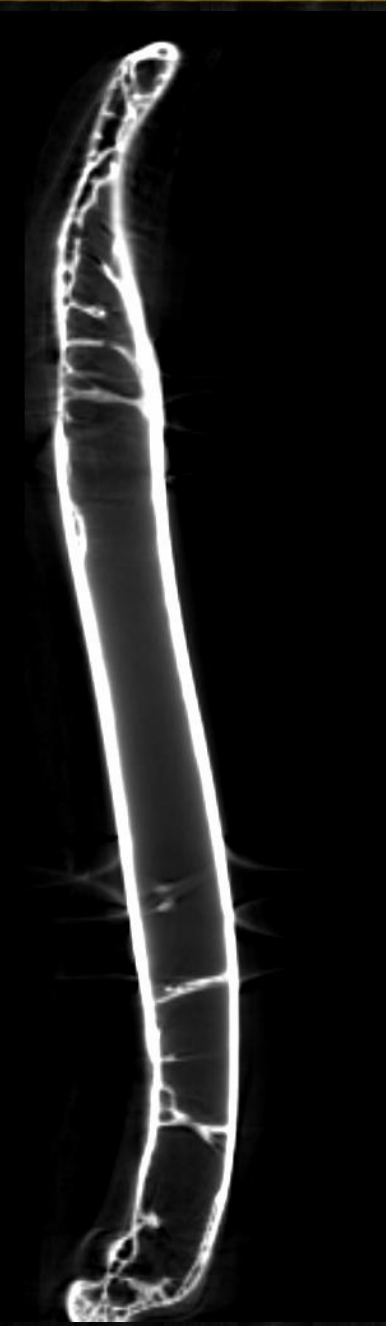
dr. Reinitz László Z.
egy. adjunktus



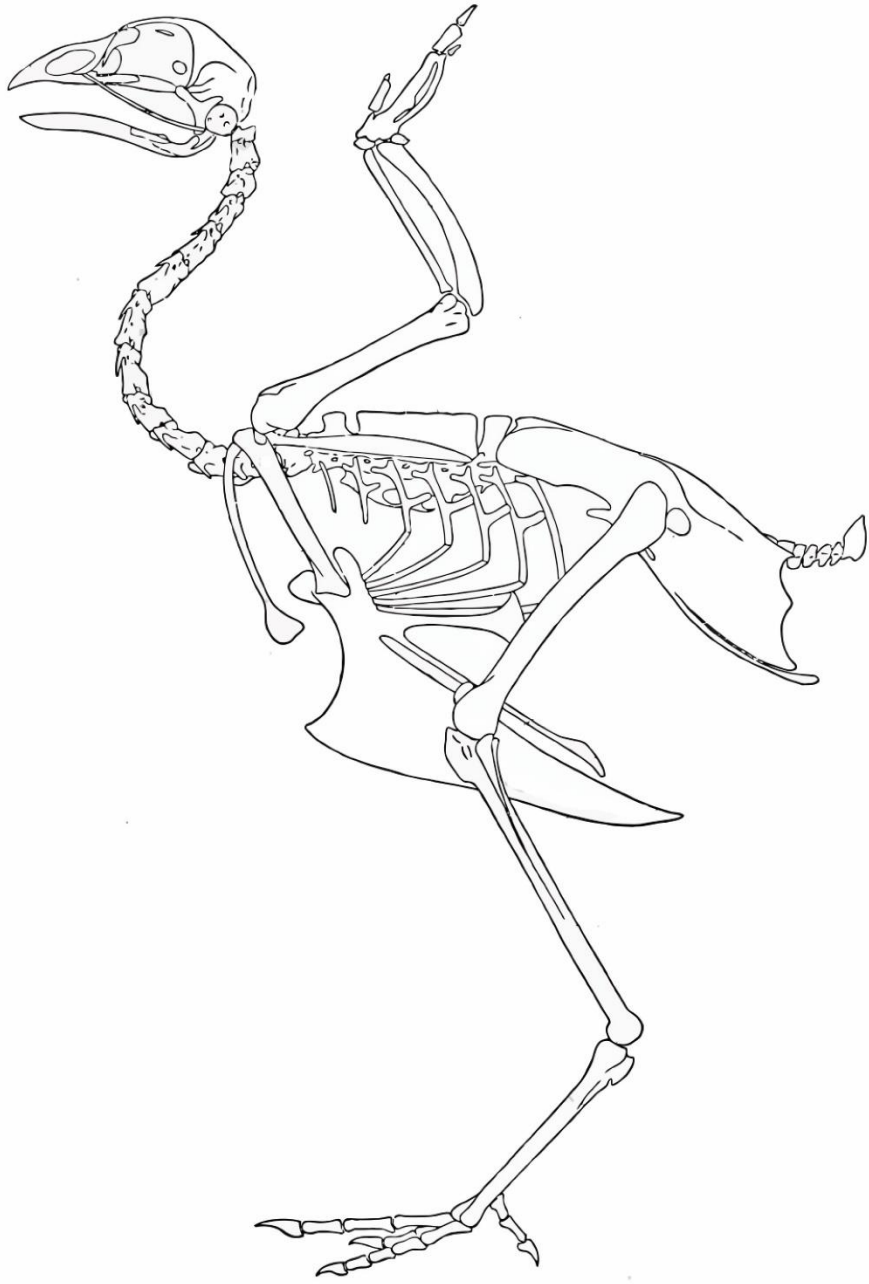


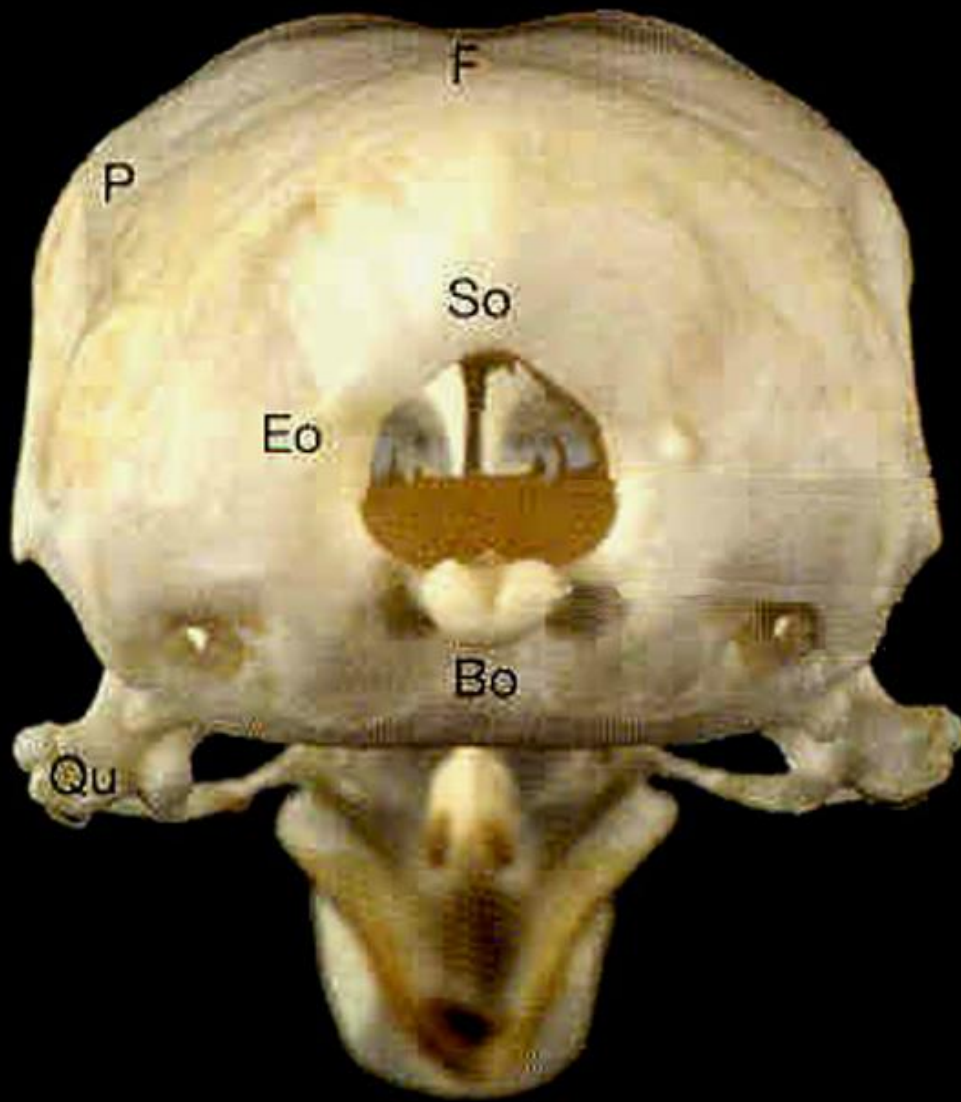






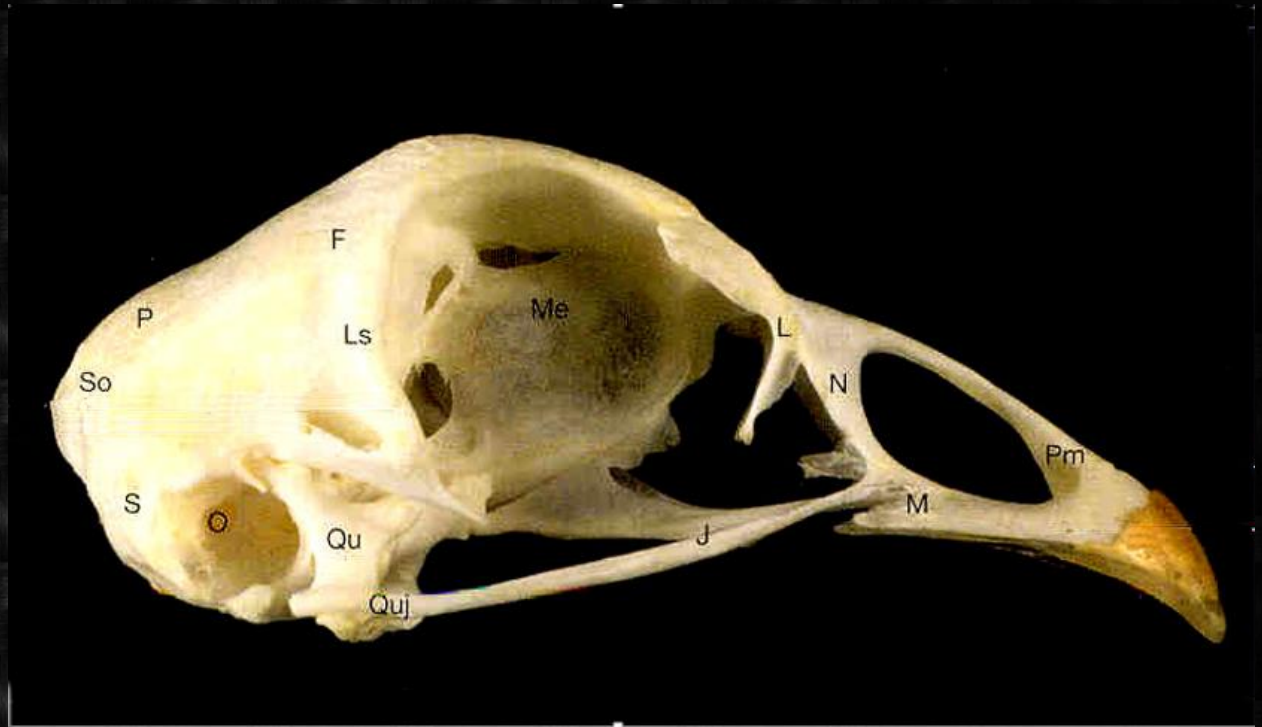






- Os **B**asio**cc**ipitale
- Os **S**upra**cc**ipitale
- Os **E**xo**cc**ipitale
- Os **F**rontale
- Os **P**arietale
- Os **Q**uadratum

Os **S**upra**o**ccipitale
Os **P**arietale
Os **S**quamosum
Ossa **O**tica
Os **F**rontale
Os **L**atero**s**phenoidale
Os **M**esethmoidale
(Septum interorbitale)
Os **Q**uadratum
Os **J**ugale
Os **Q**uadro**j**ugale
Os **L**acrimale
Os **N**asale
Os **M**axillare
Os **P**rae**m**axillare



Os supraoccipitale

Os exoccipitale

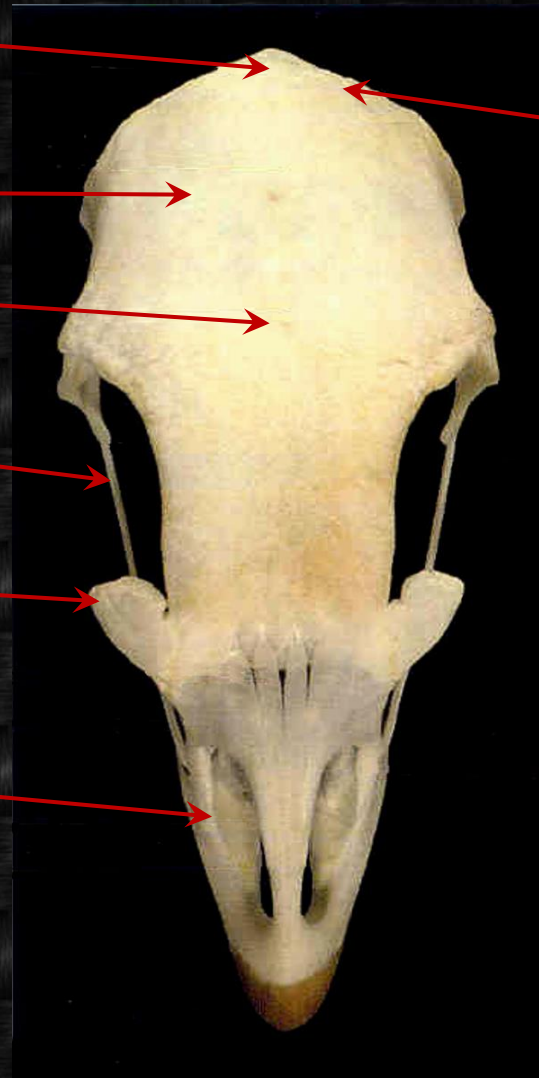
Os parietale

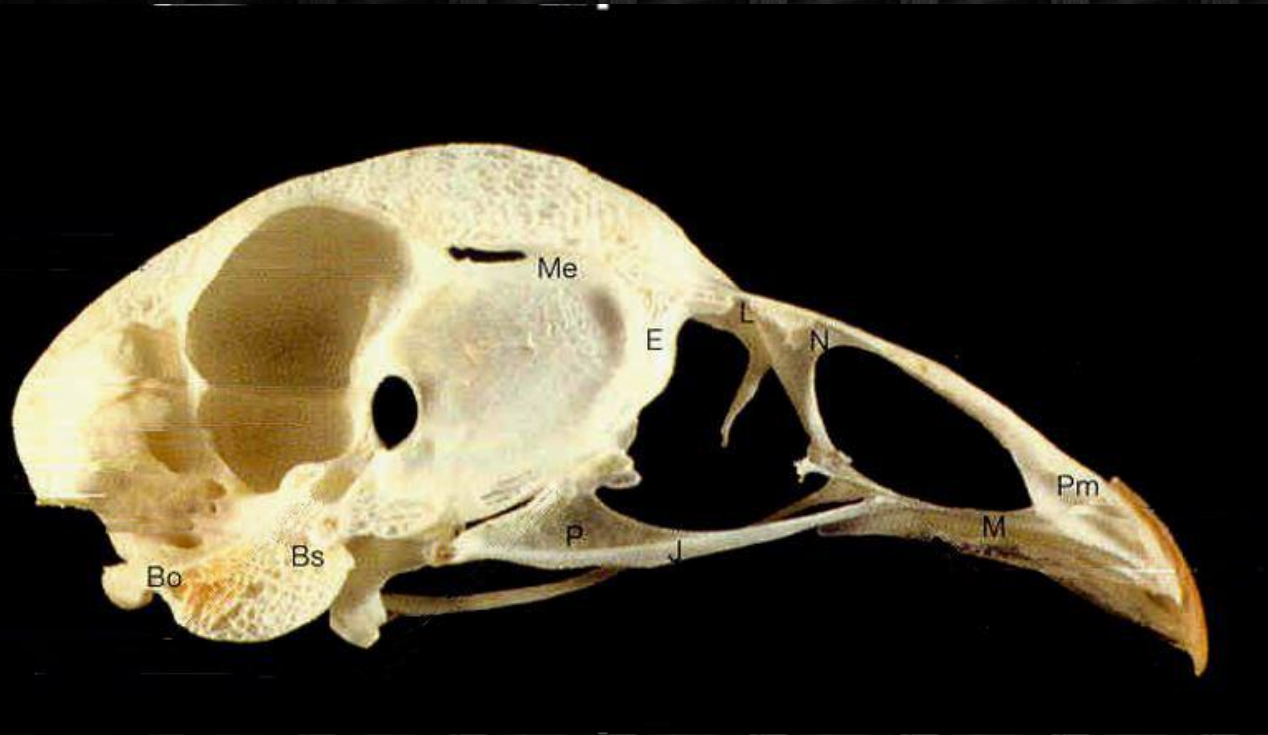
Os frontale

Os jugale

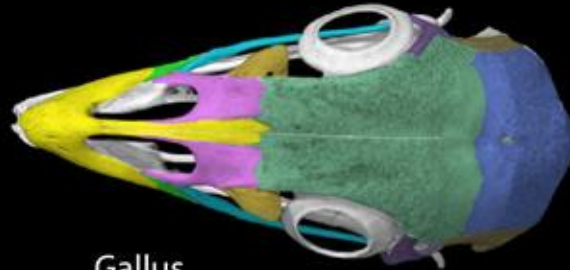
Os lacrimale

Os maxillare

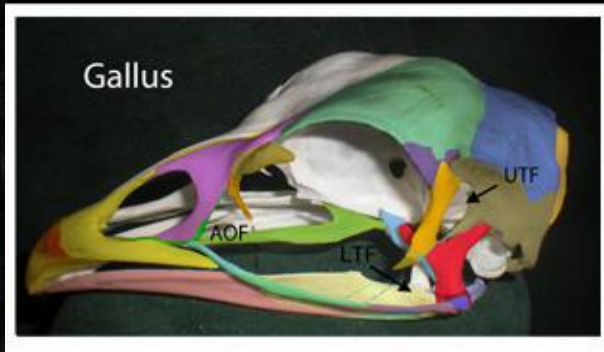
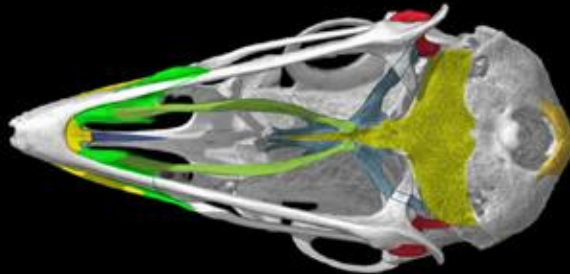
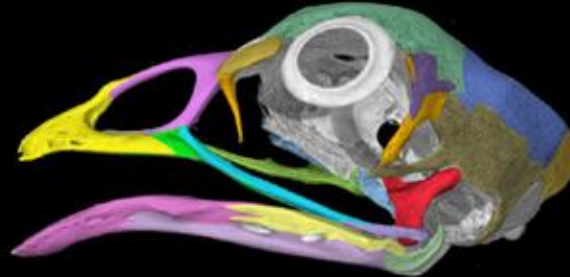




- Os **B**asio**o**ccipitale
- Os **B**asis**s**phenoidale
- Os **M**esethmoidale
(Septum interorbitale)
- Os **E**ctethmoidale
- Os **P**alatinum
- Os **J**ugale
- Os **L**acrimale
- Os **N**asale
- Os **M**axillare
- Os **P**rae**m**axillare



Gallus



Gallus

Mandibula
Os preamaxillare

Maxilla

Os nasale

Os lacrimale

Orbita

Os mesethmoidale (septum interorbitale)

Os frontale

Os parietale

Os occipitale (supra-, basi-, exoccipital)

Os jugale

Os squamosum

fossa tympanica

Os sphenoidale

Os pterygoidale

Vomer

Os palatinum

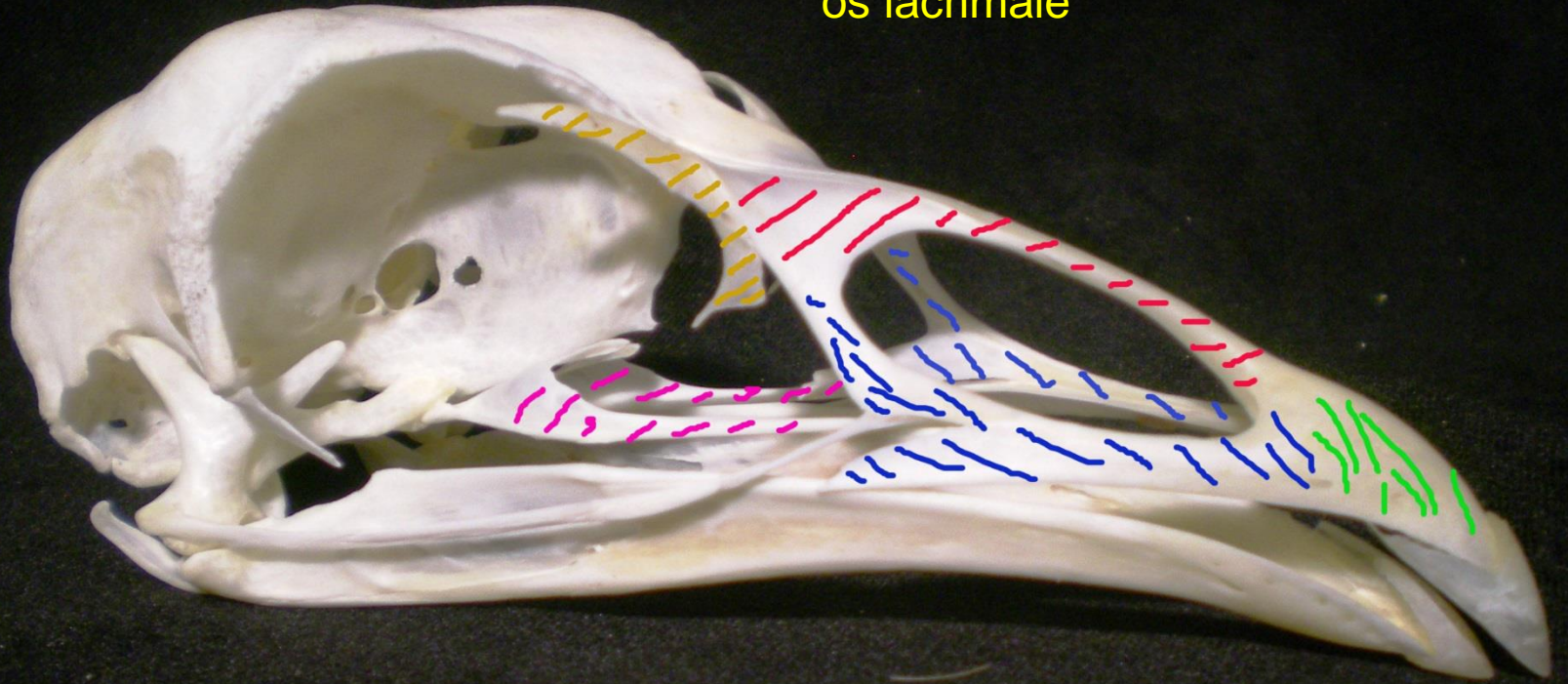
Os quadratum

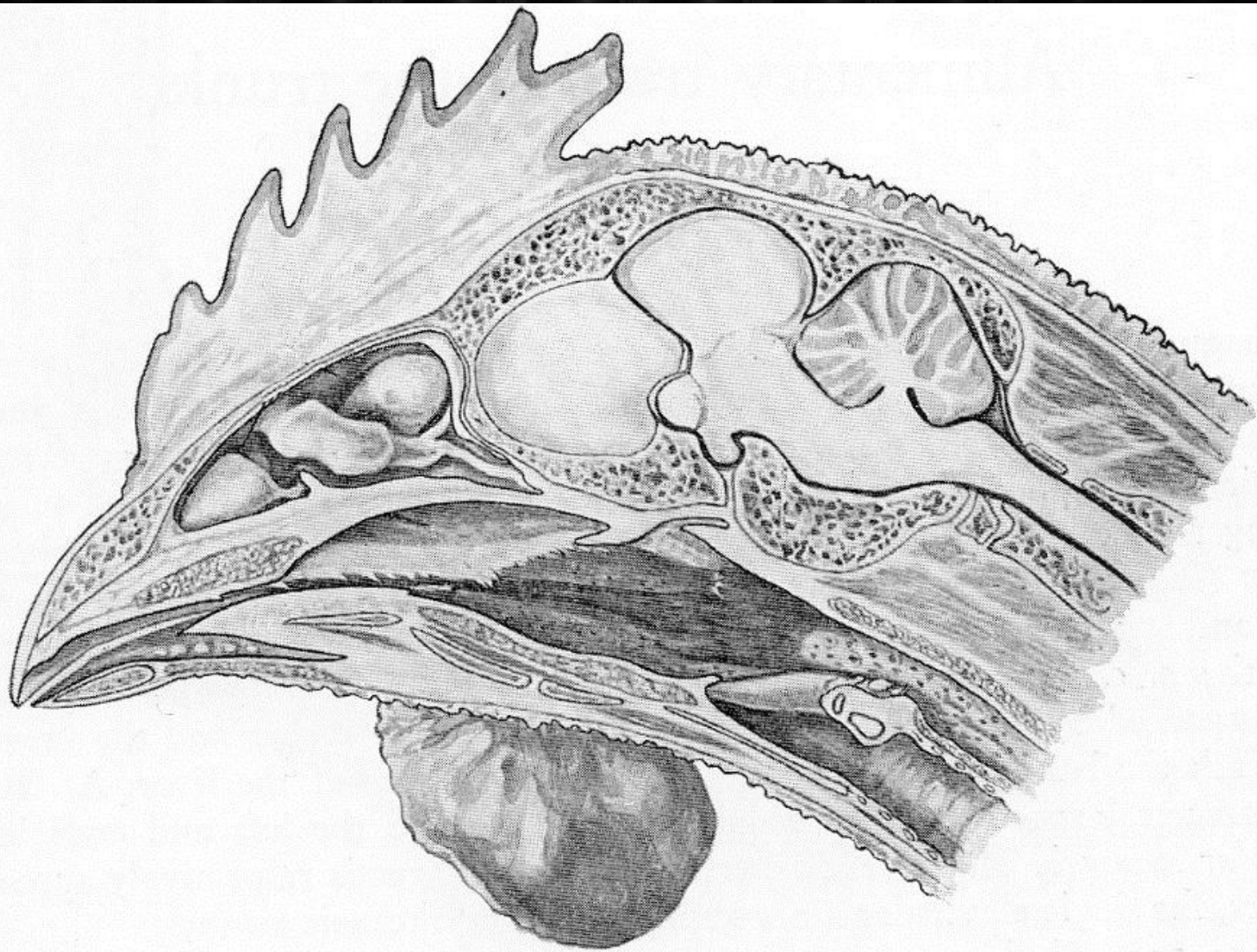
Os articulare

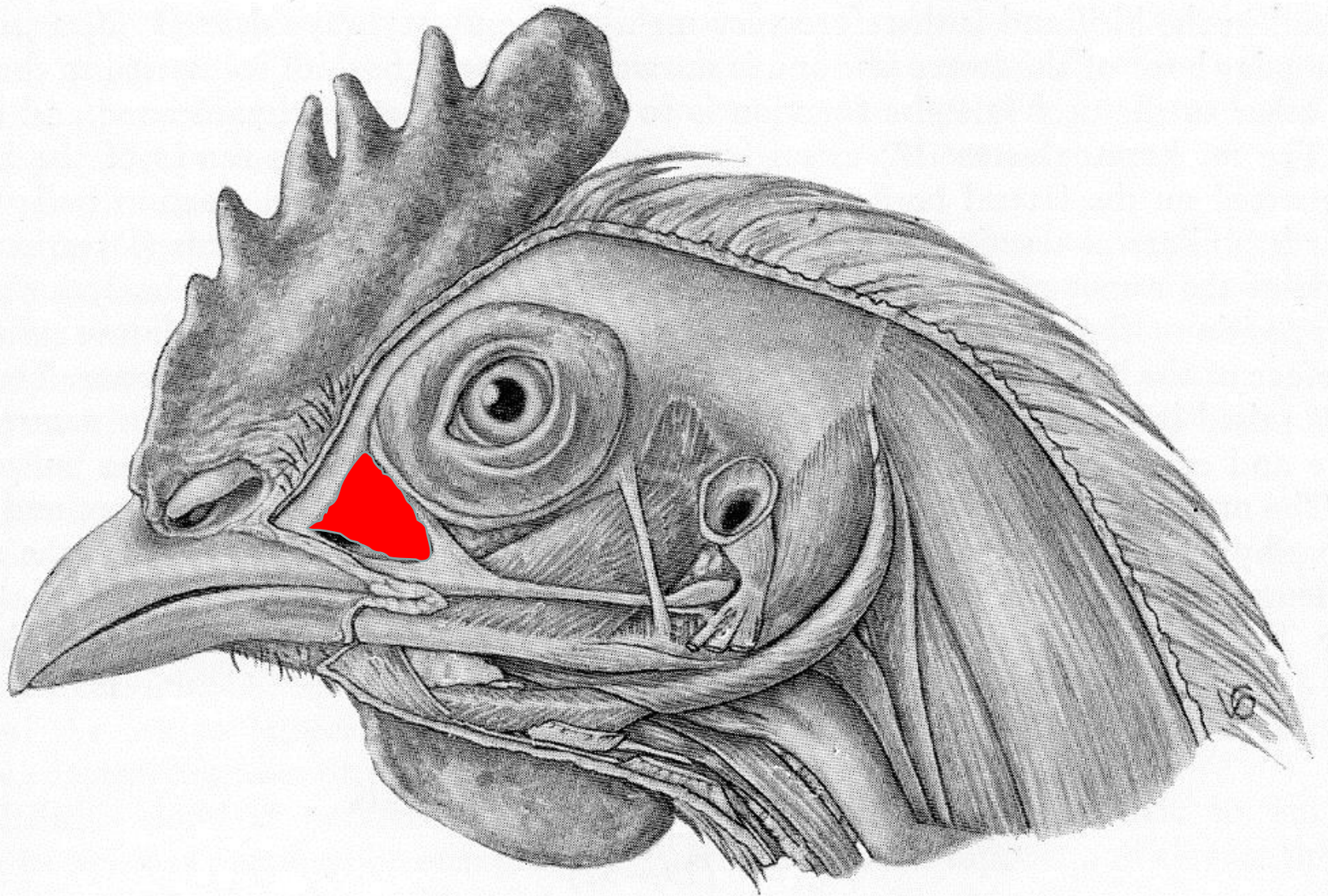


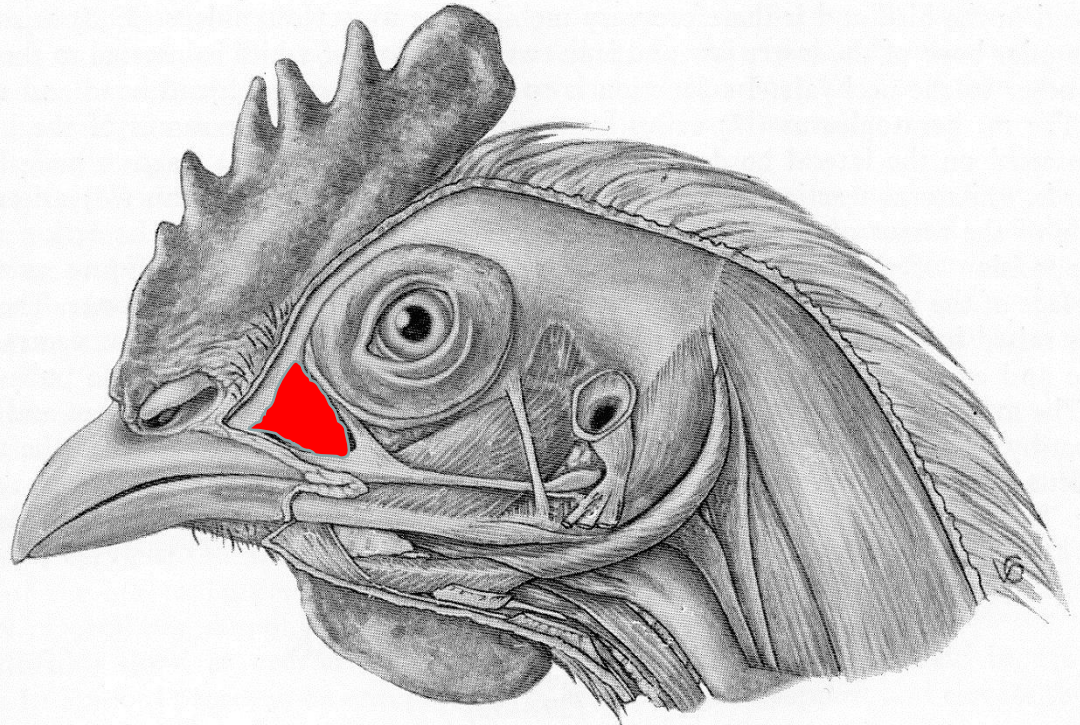
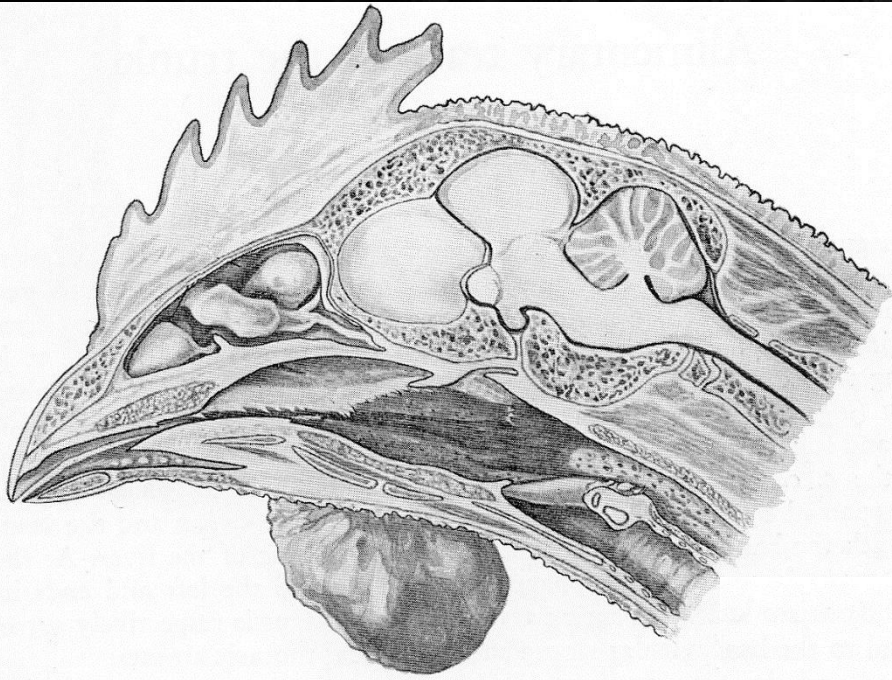


os nasale
os premaxilla
maxilla
os palatinum
os lacrimale









Epihyale

Ceratohyale

Basihyale

Paraglossum

Urohyale



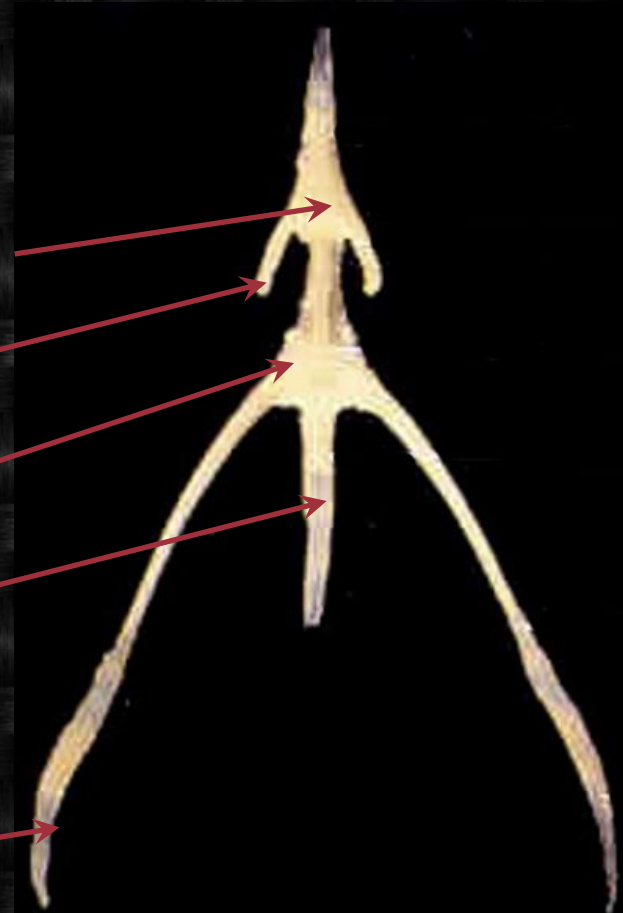
Paraglossum

Cornu

Basihyale

Urohyale

Epihyale

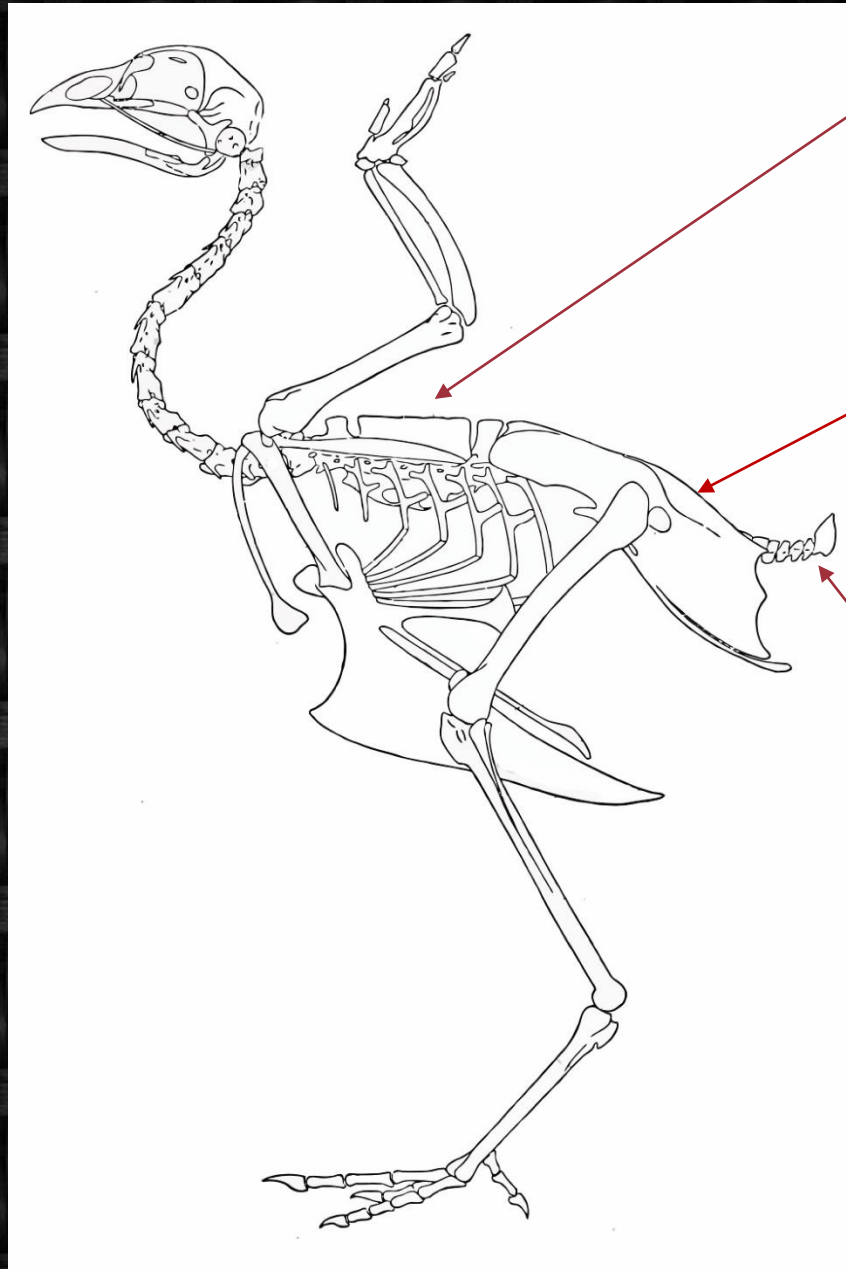


**Rücken
Halswirbeln**

Huhn:
C: 14
Th: 7
L+S: 14
Co: 7

Taube:
C: 12-13
Th: 7
L+S: 14
Co: 7

Truthahn:
C: 14-16
Th: 7
L+S: 17
Co: 7

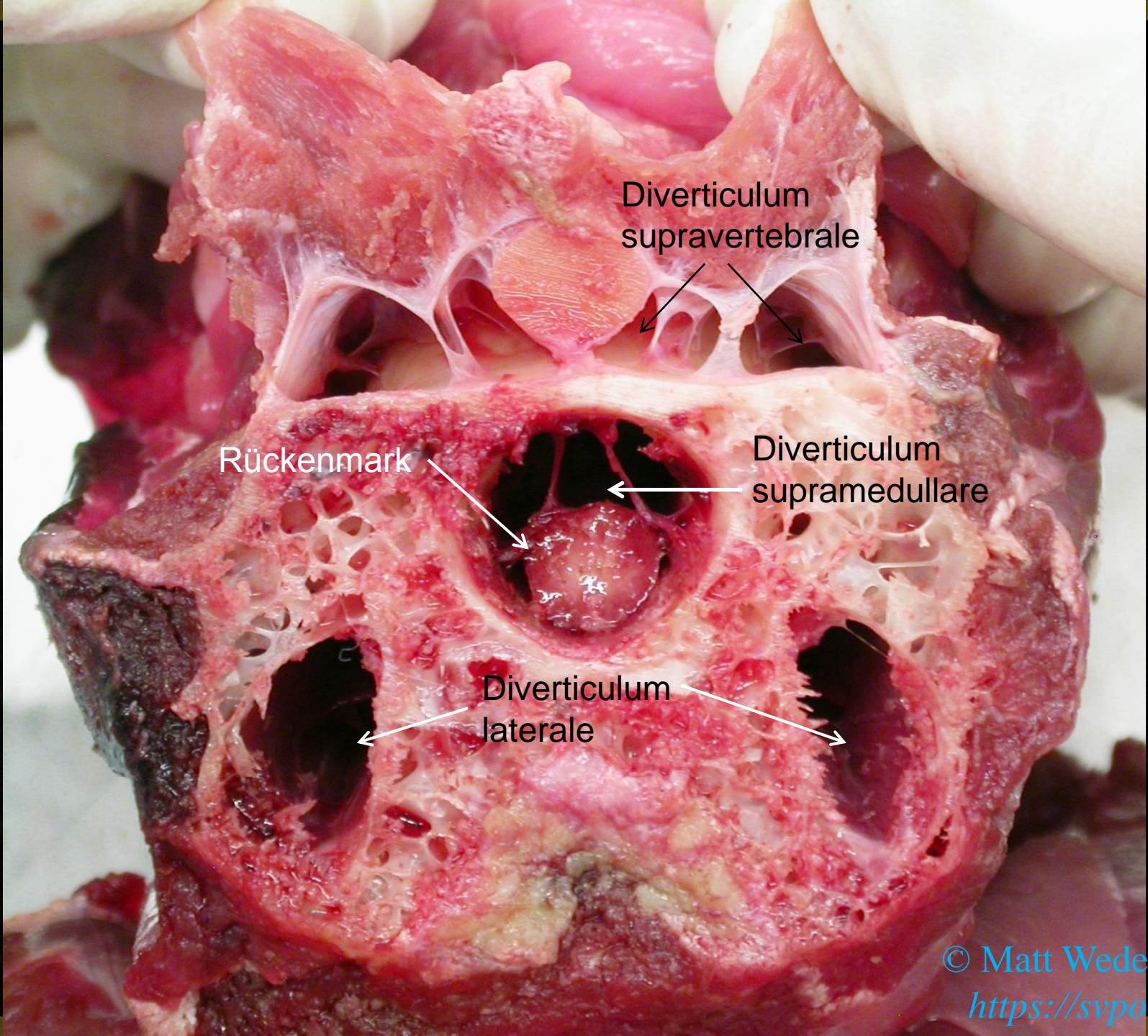


Notarium

**(Synsacrum)
Os lumbosacrale**

Pygostyl

Ente:
C: 15
Th: 9
L+S: 14
Co: 7-8



Diverticulum
supravertebrale

Rückenmark

Diverticulum
supramedullare

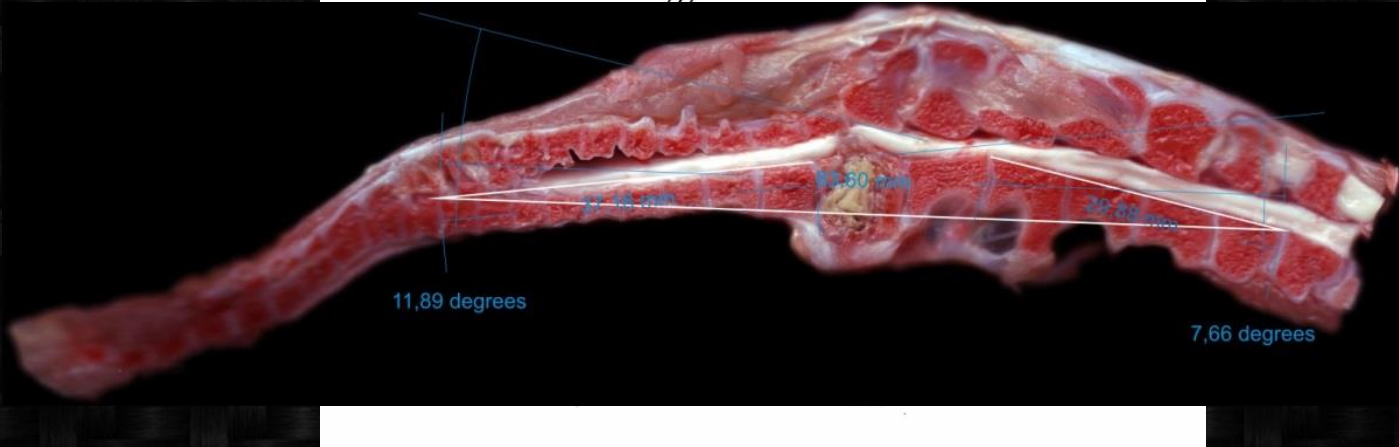
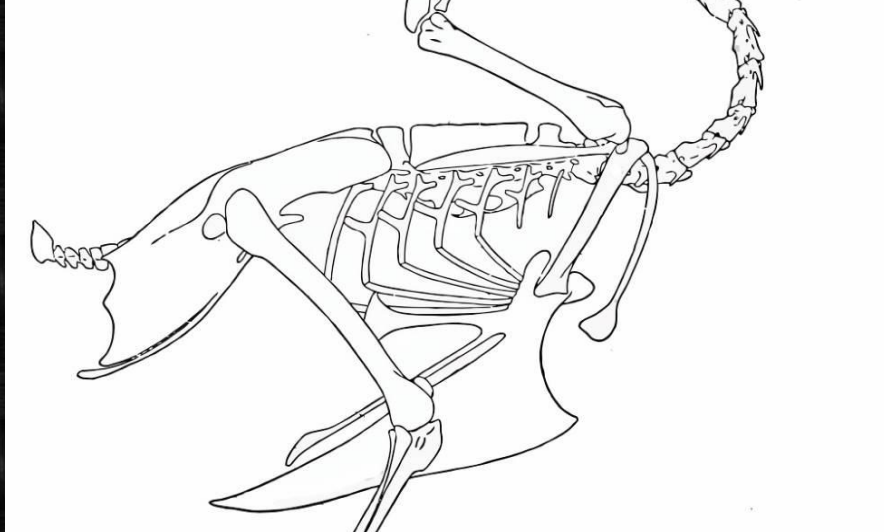
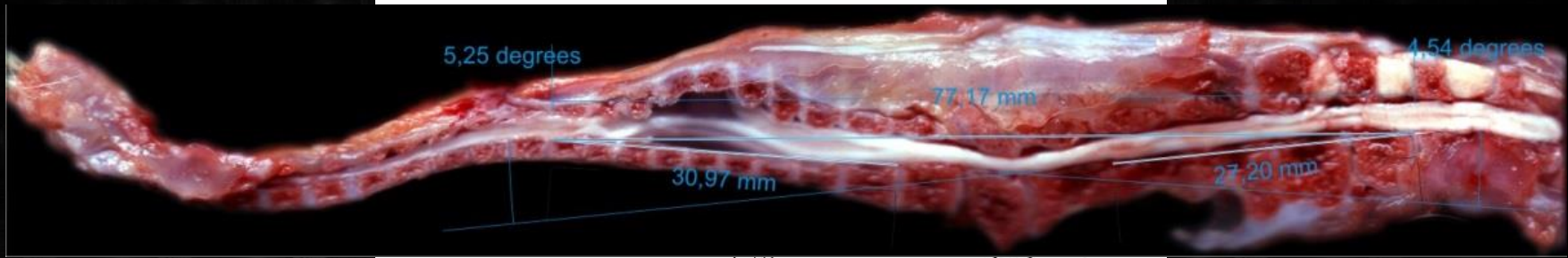
Diverticulum
laterale

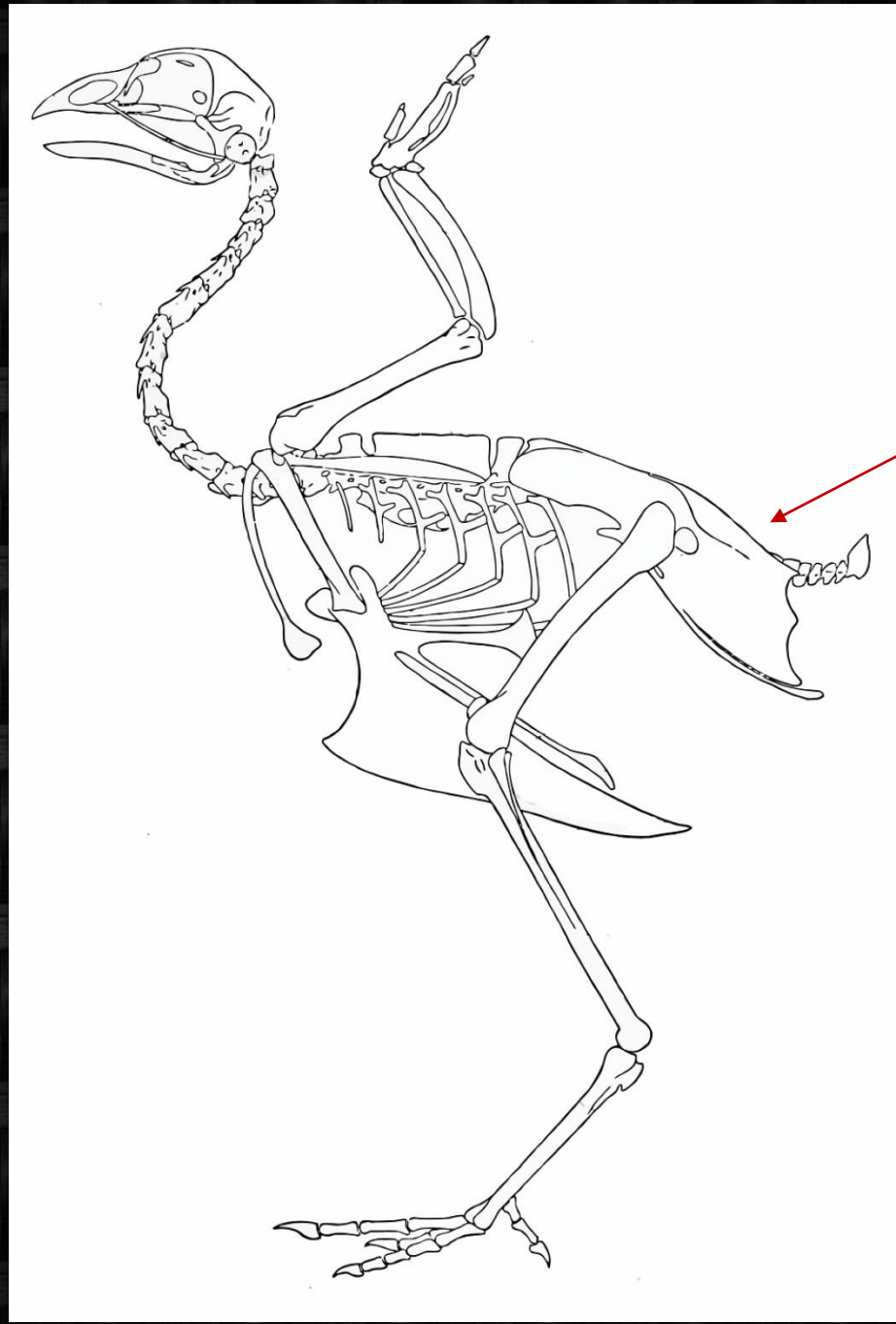


Brustwirbeln, NOTARIUM

- Bei Huhn, Truthahn, Taube: Th2-5 verschmolzen=> bildet **NOTARIUM**
- Bei Ente, Gans: kein Verschmelzung
- Nach der Notarium eine frei Brustwirbel, dann die **symsacrum**







(Synsacrum)
Os lumbosacrale

Costa vertebralis
Proc. uncinatus

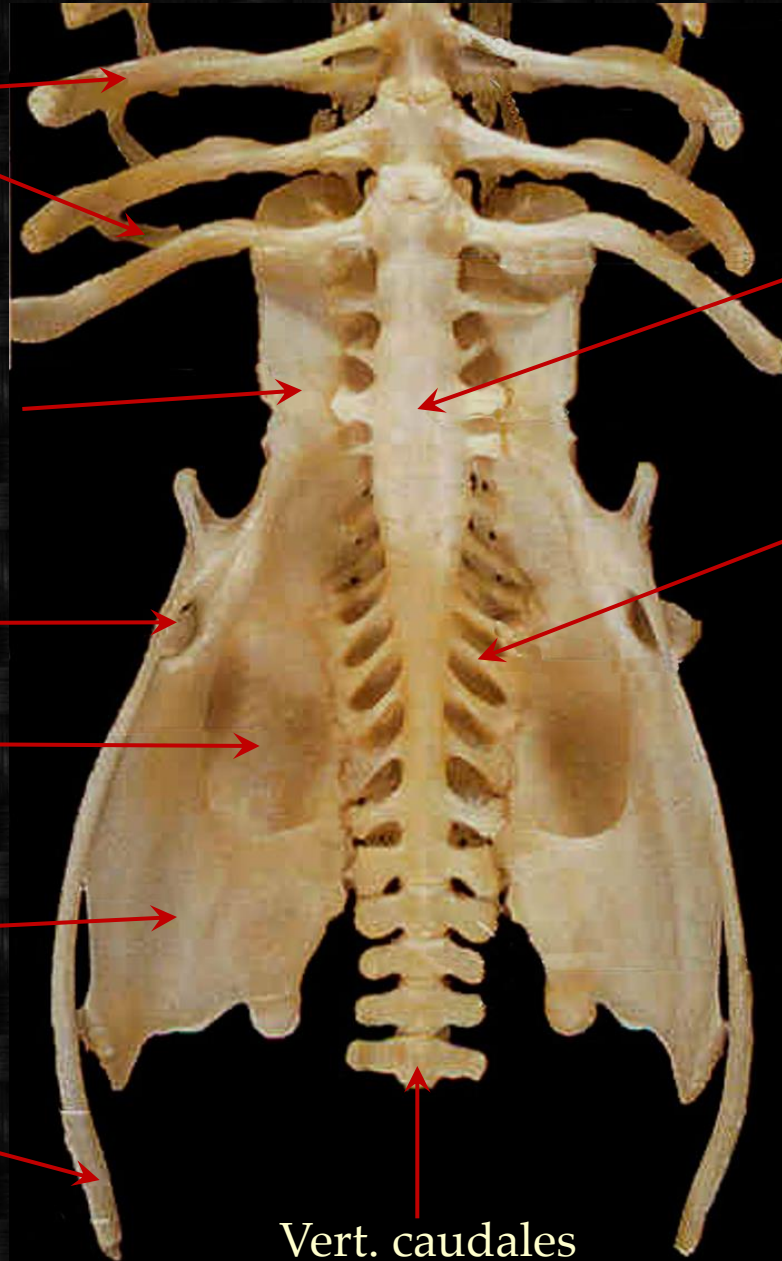
Os ilium
Ala praeacetabularis

For. obturatum

Fossa renalis

Os ischii
Ala ischii

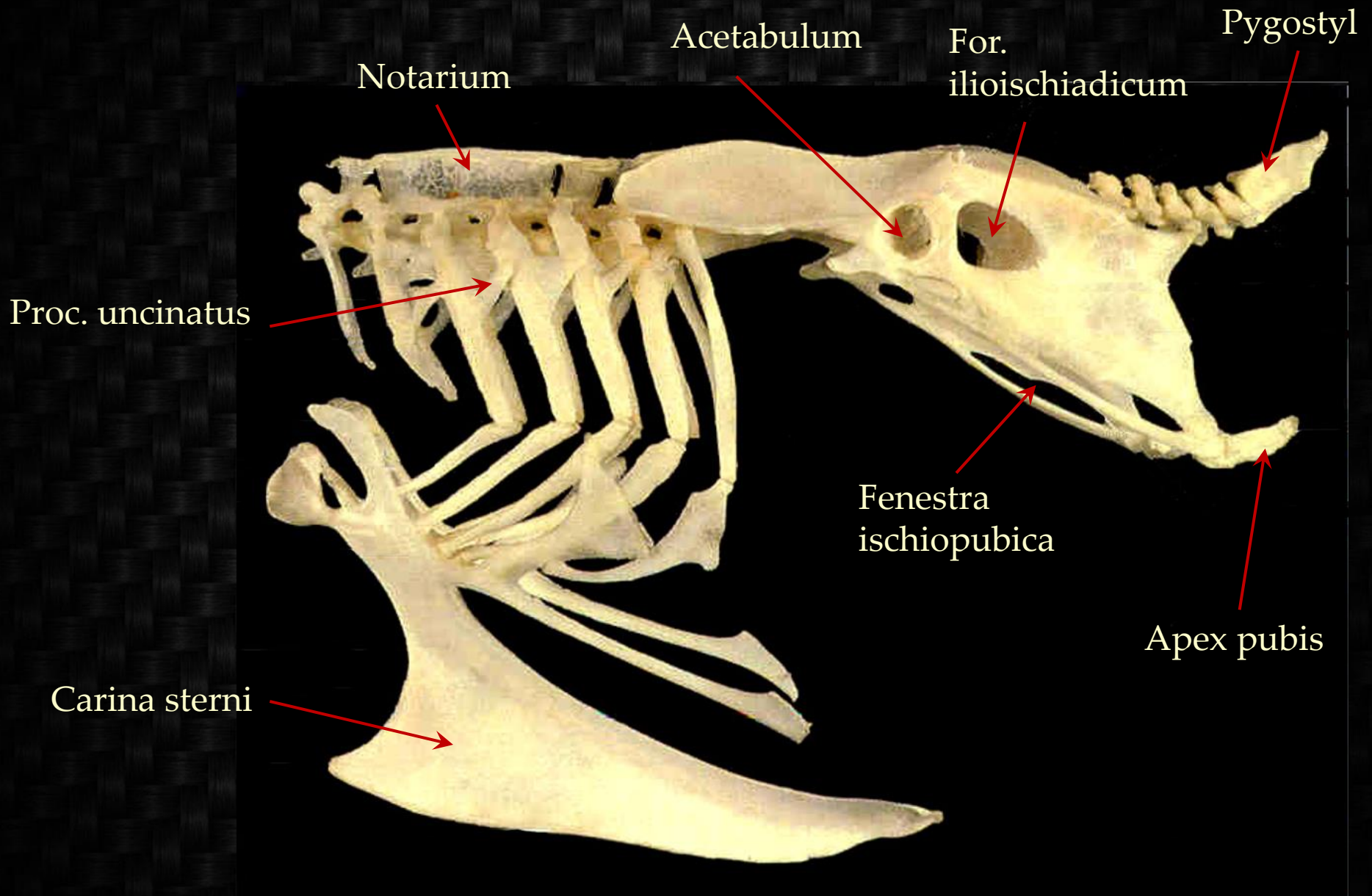
Os pubis
Apex pubis

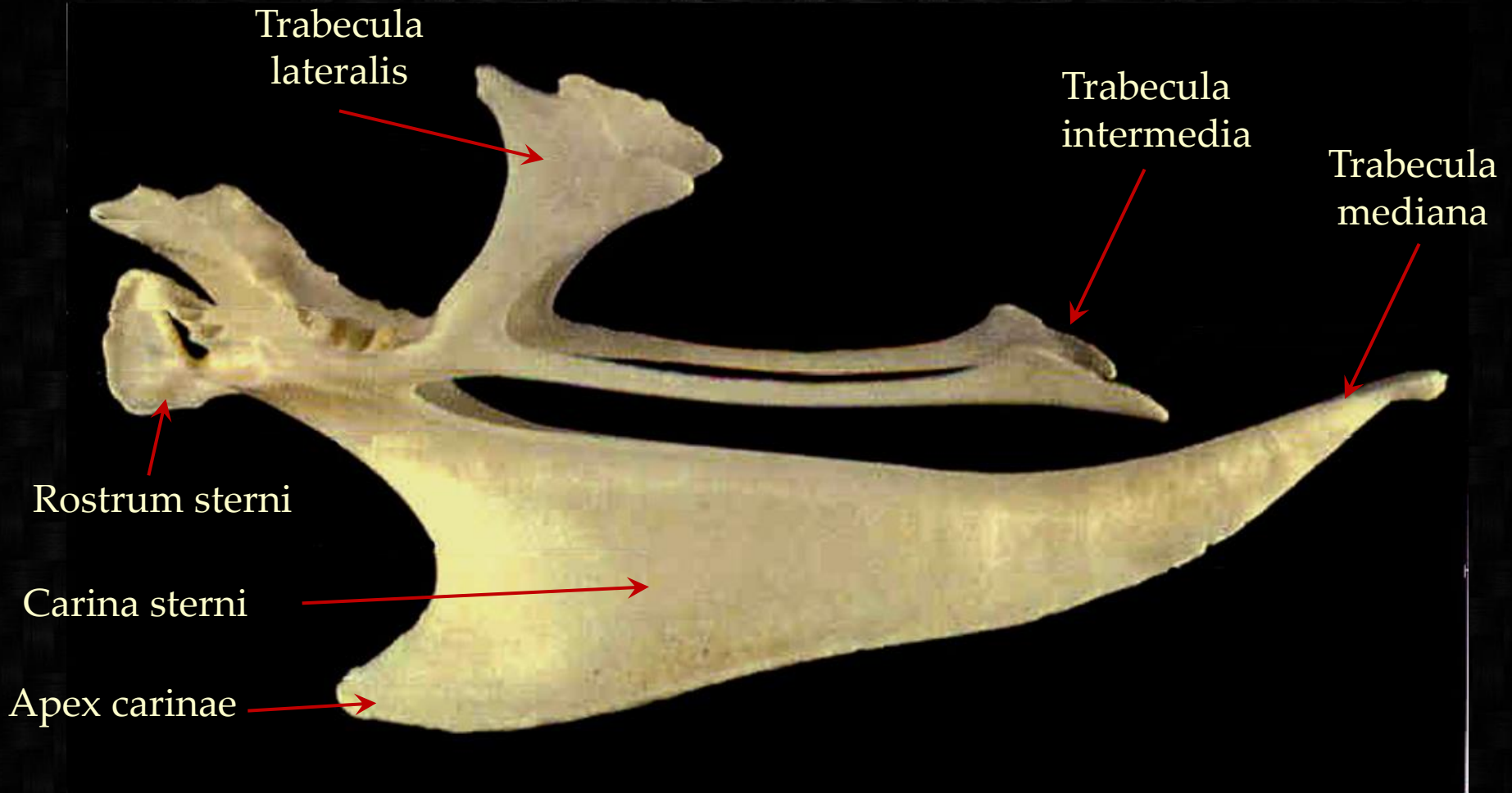


Sulcus ventralis

Proc. costales

Vert. caudales





HUHN

Carina sterni

Trabecula mediana

Pars hepatica

Inc. med.

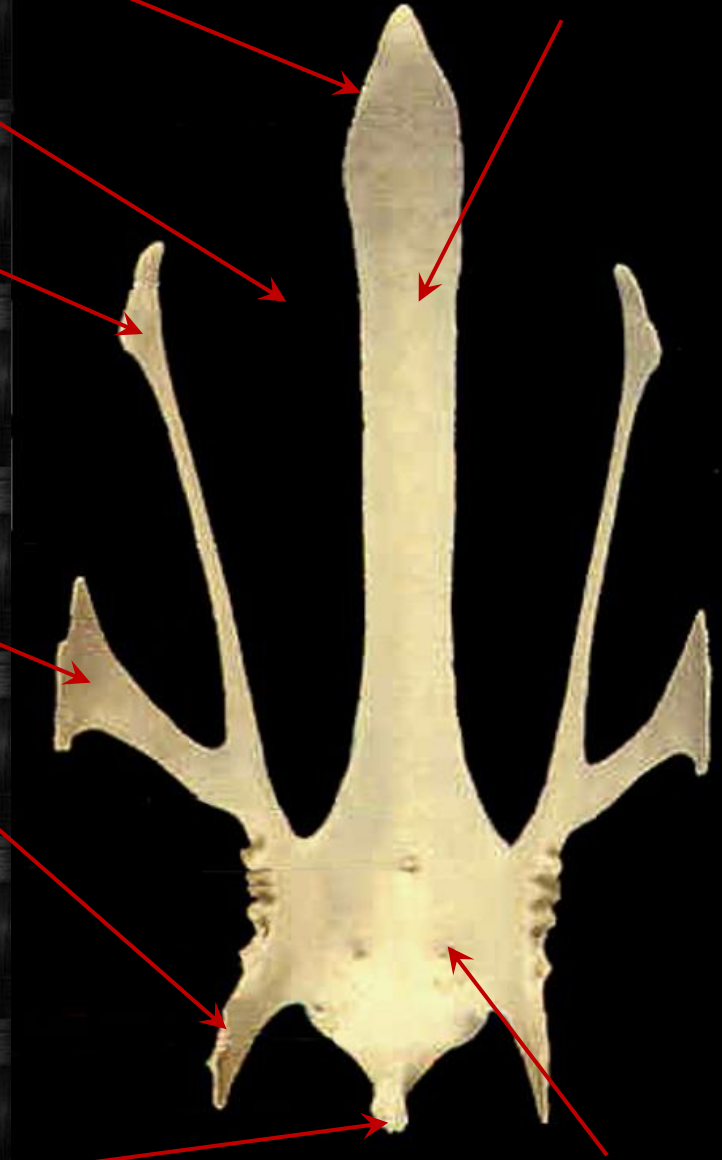
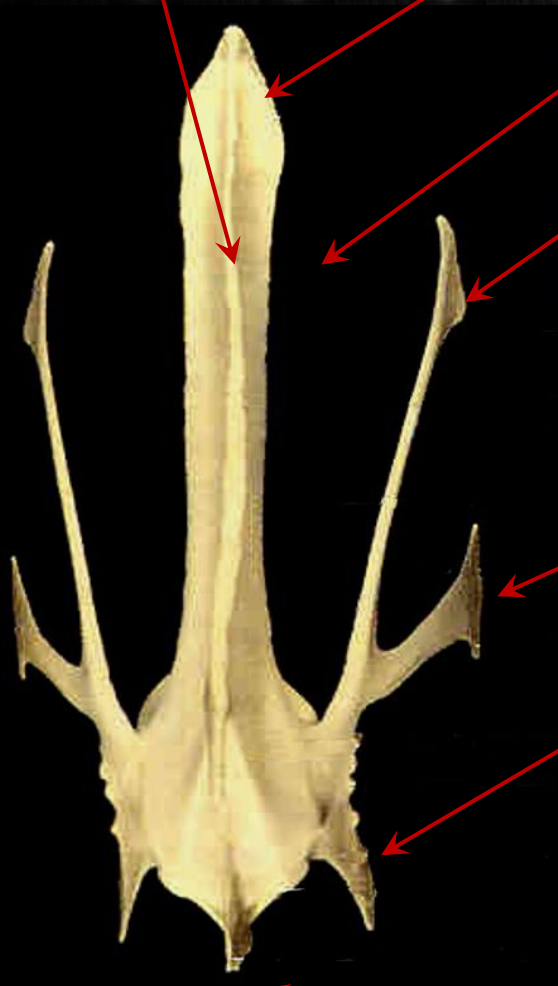
Trabecula intermedia

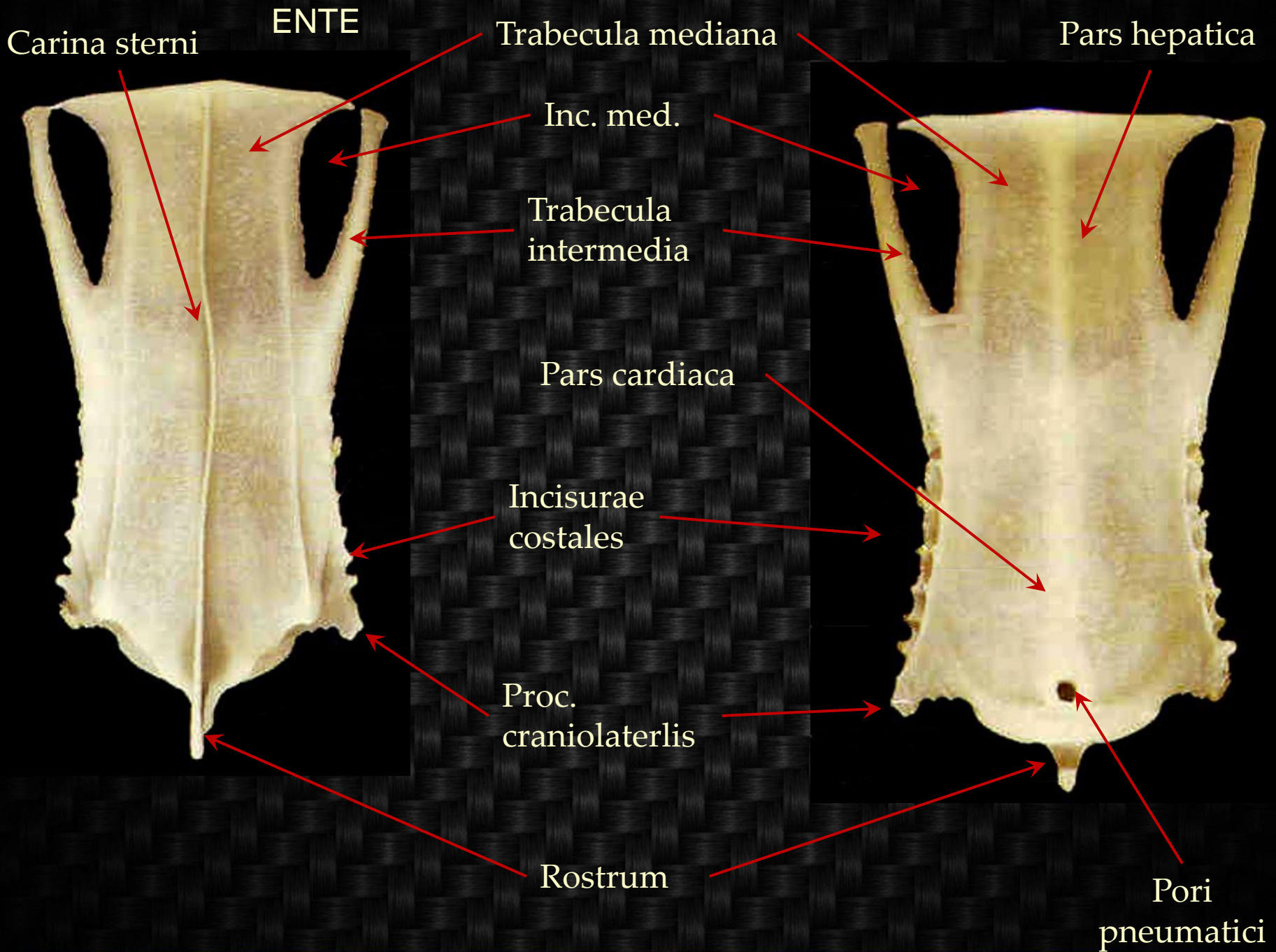
Trabecula lat.

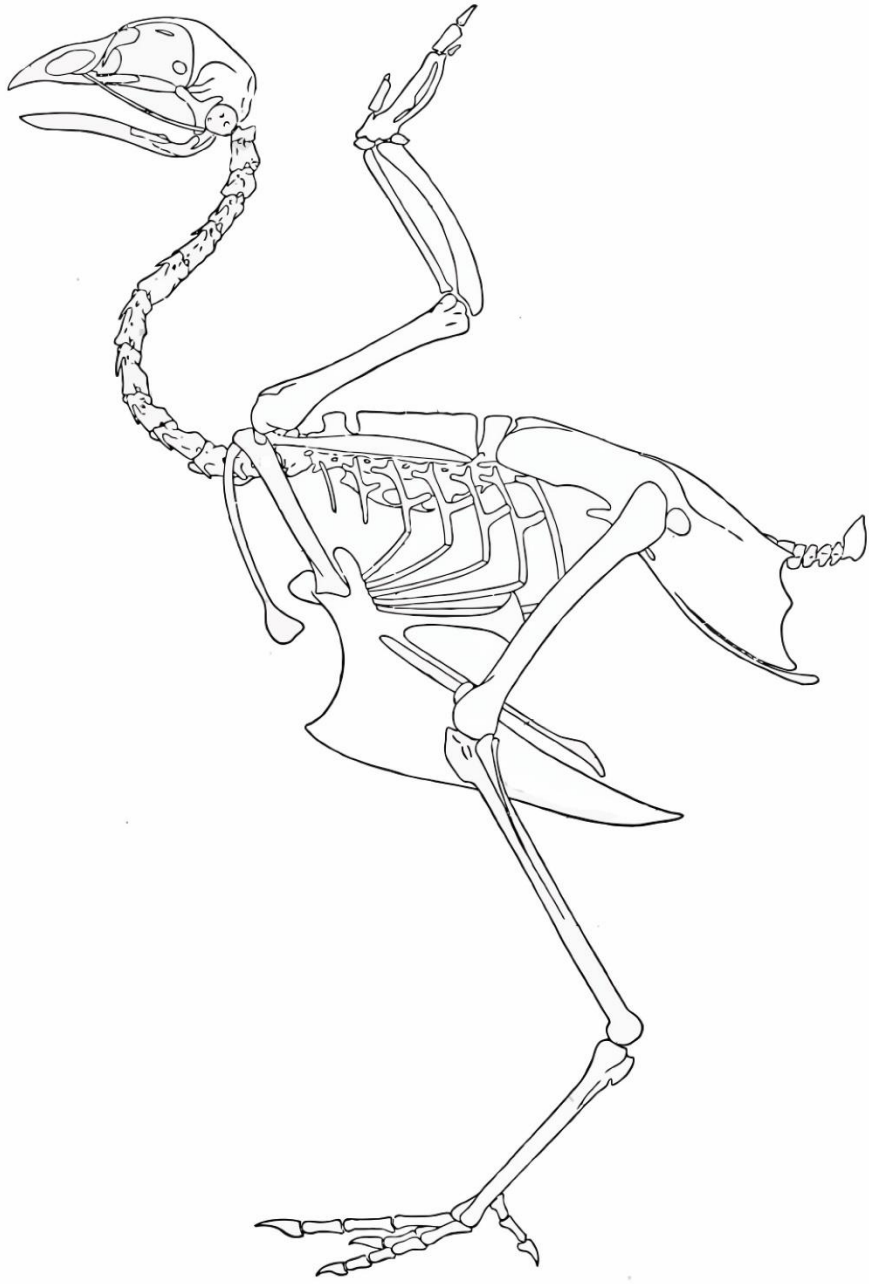
Proc. craniolaterlis

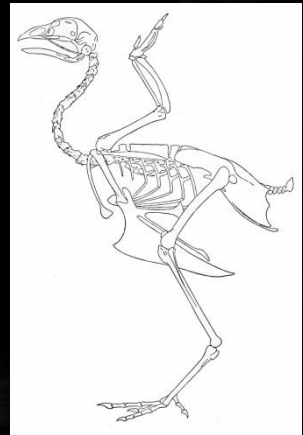
Rostrum

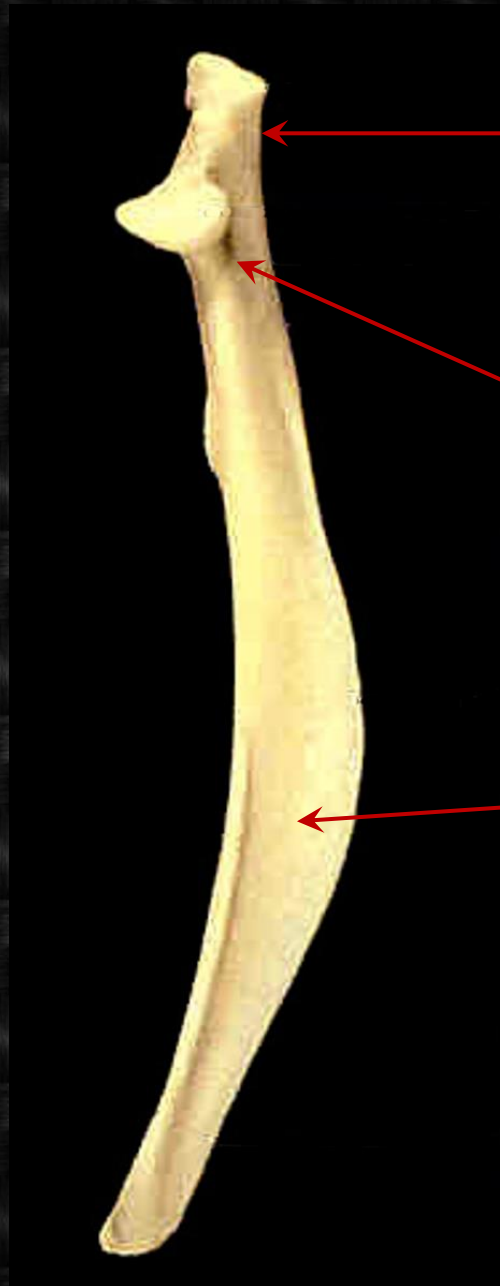
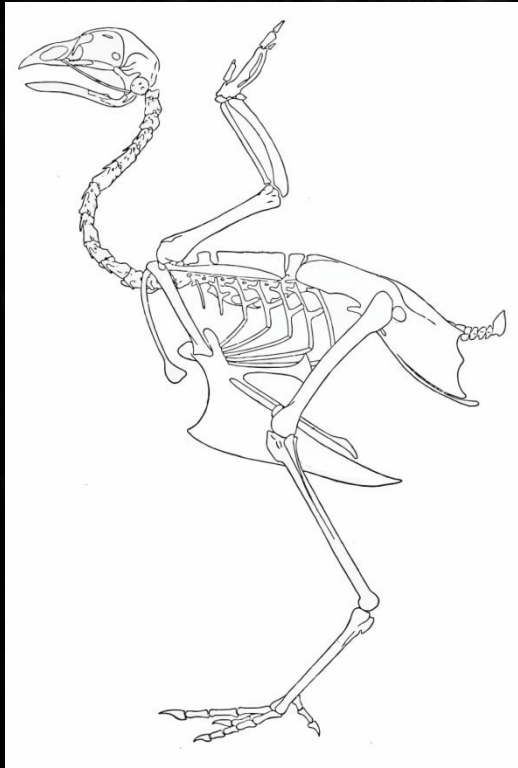
Pori
pneumatici











Extremitas
cranialis

Collum
scapulae

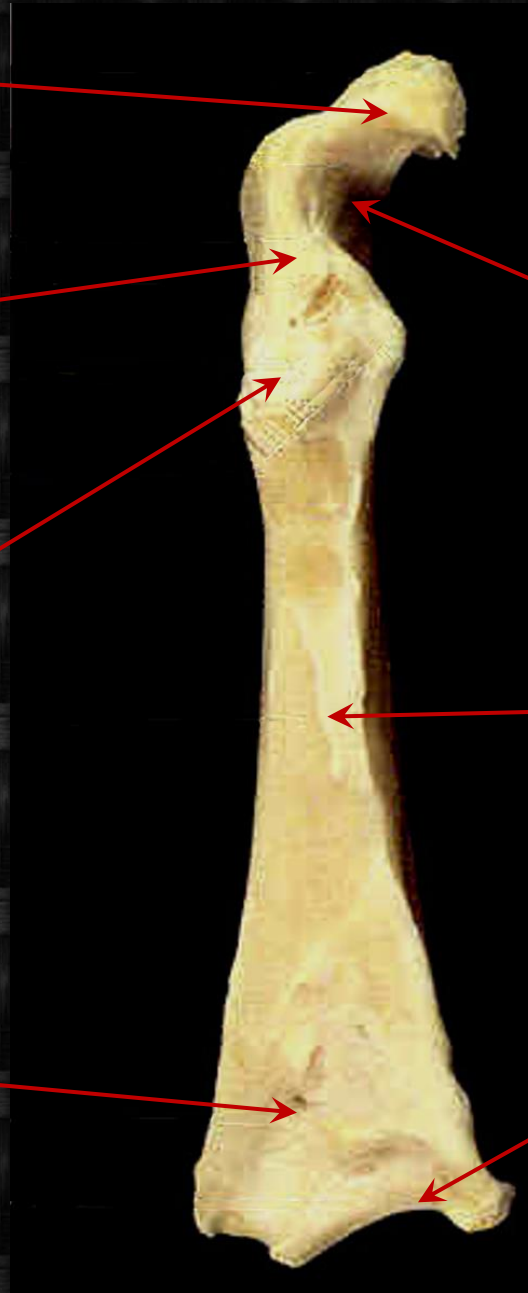
Corpus
scapulae
(Facies lat.)

Extremitas
omalis

Facies articularis
humeri

Facies
articularis
scapularis

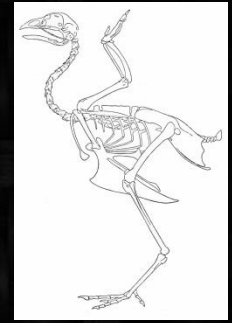
For.
pneumaticum



Sulcus
supracoracoideus

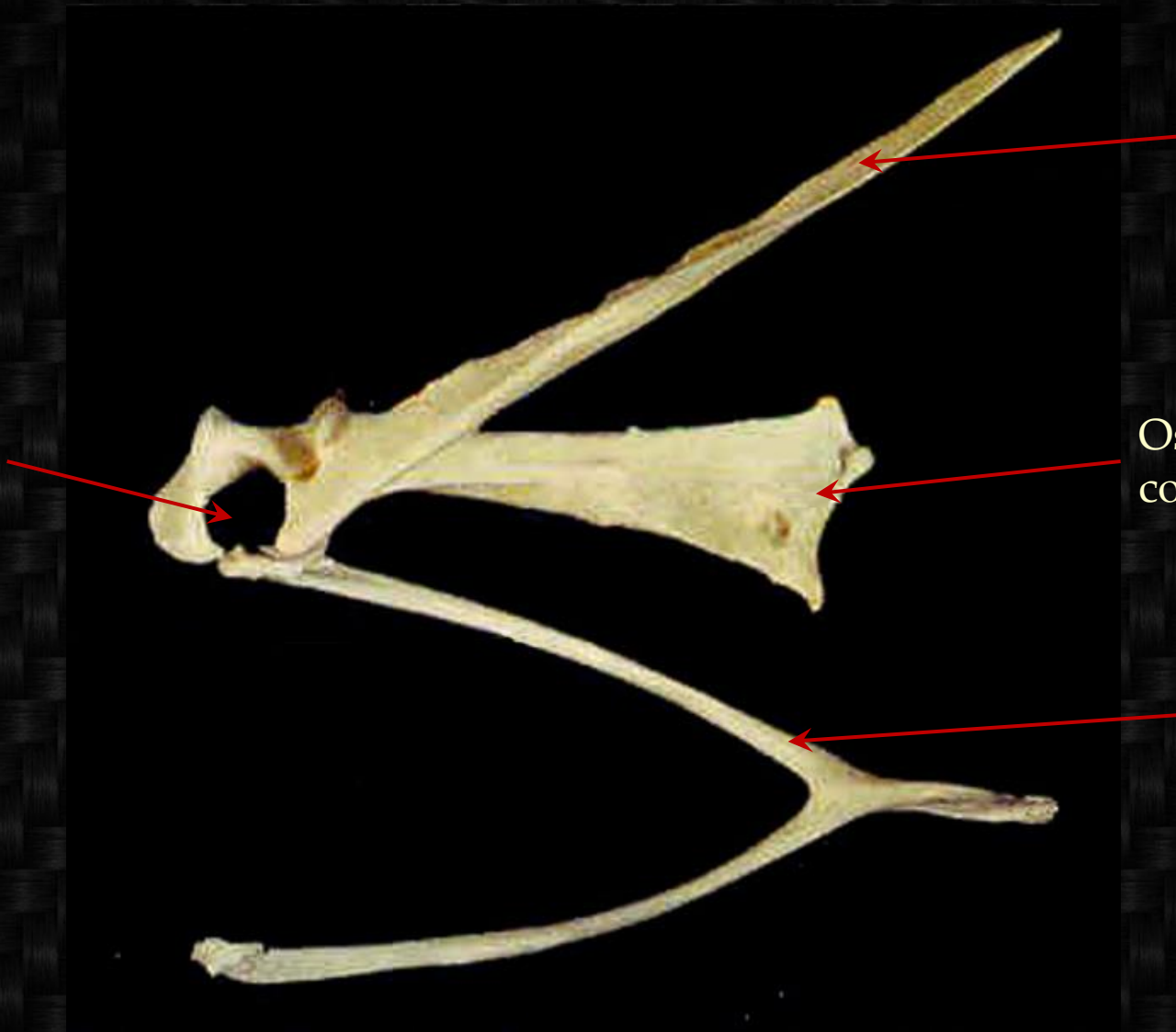
Corpus
coracoidei,
facies dors

Extremitas
strenalis, trochlea



caudal

Canalis
triosseum



Scapula

Os
coracoideum

Furcula

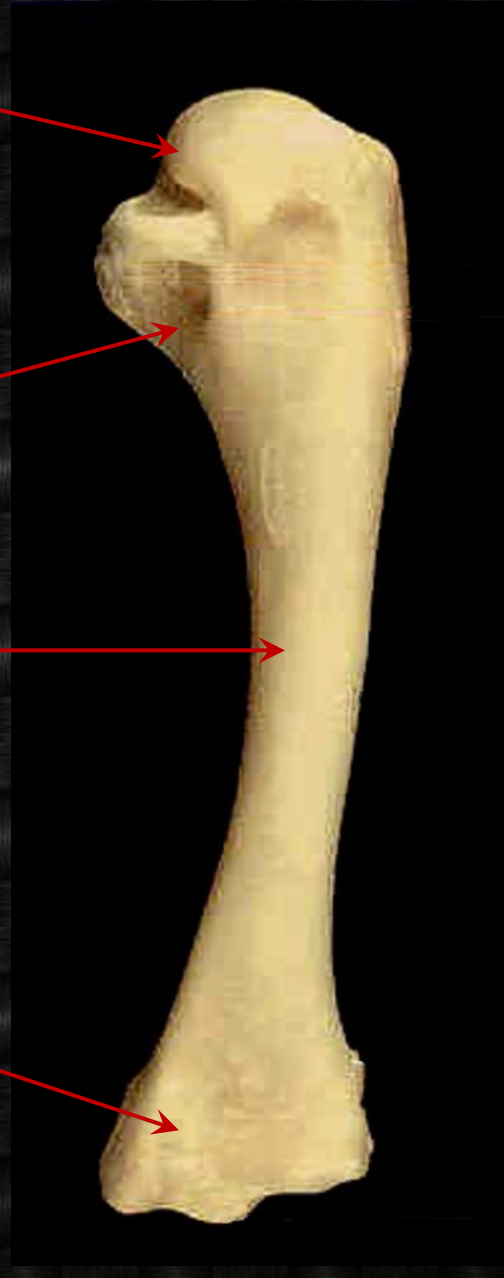


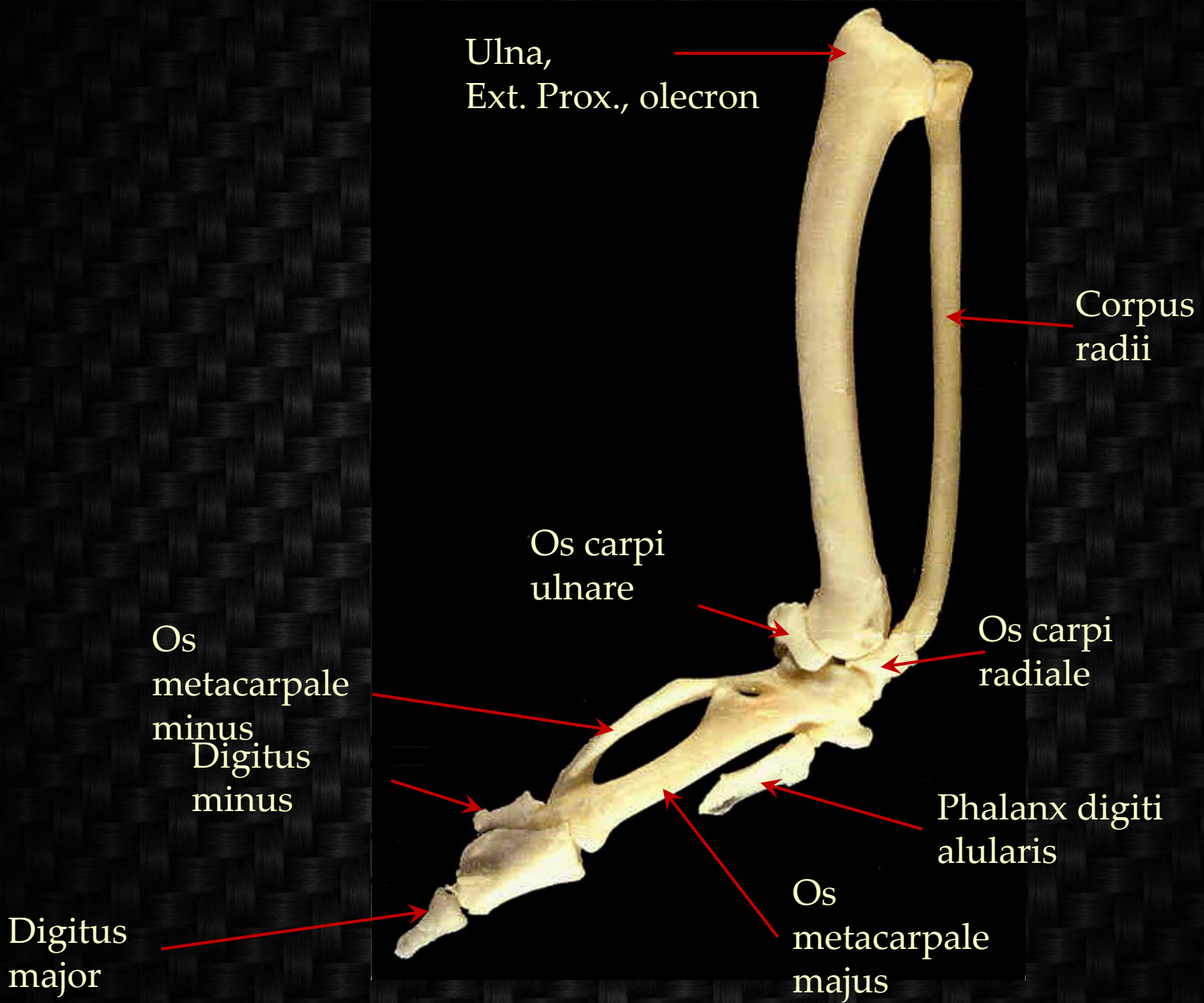
Caput
humeri

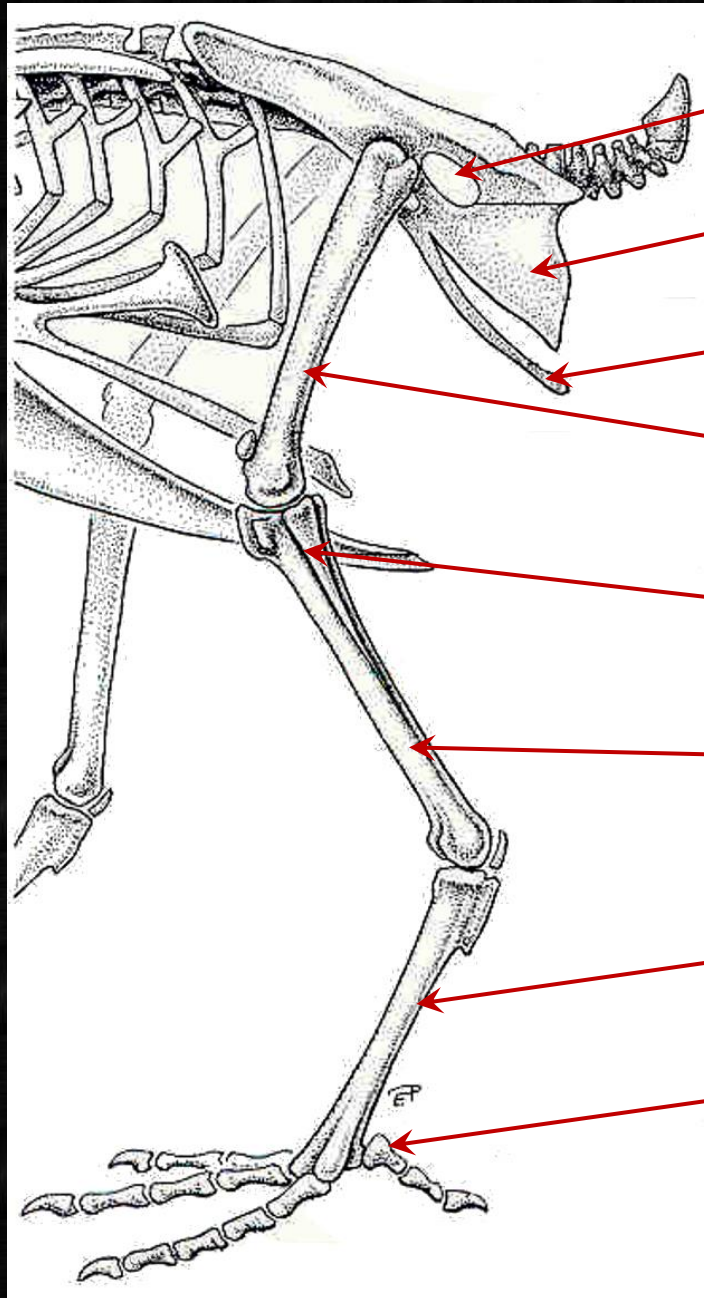
Fossa
pneumaticipalis;
for. pneumaticum

Corpus
humeri

Extr. distalis







For. ilioischadicum

Os ischii

Os pubis

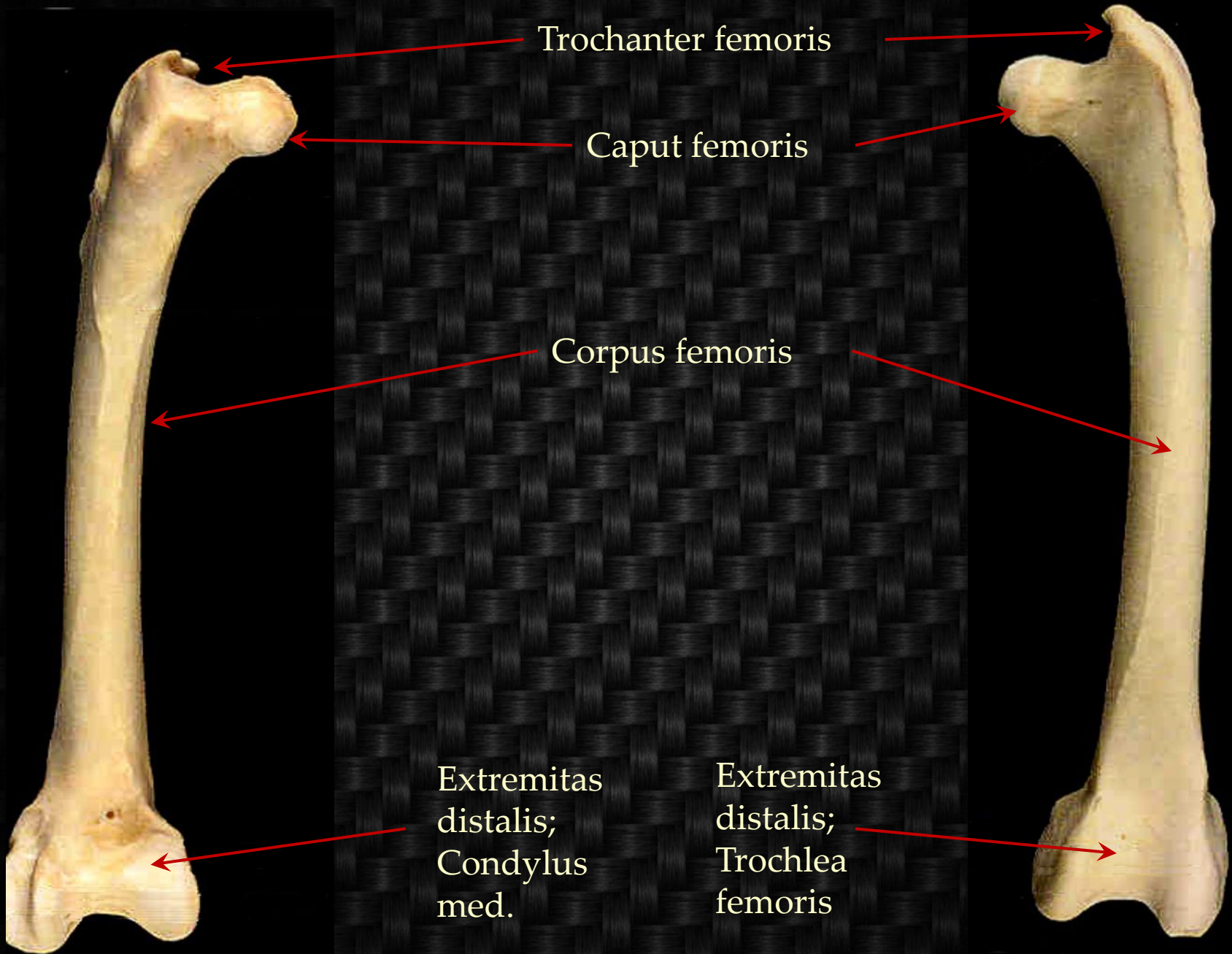
Os femoris

Fibula

Tibiotarsus

Tarsometatarsus

Os metatarsale I.



Trochanter femoris

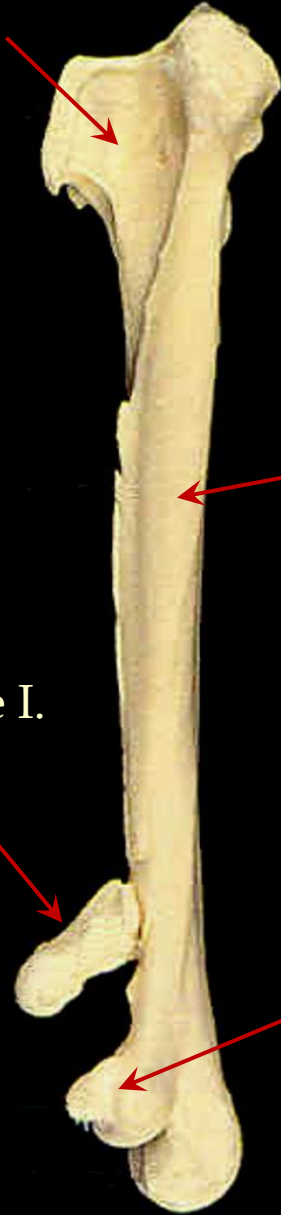
Caput femoris

Corpus femoris

Extremitas
distalis;
Condylus
med.

Extremitas
distalis;
Trochlea
femoris

Hypotarsus



Os metatarsale I.

Corpus tarsometatarsi



Proc. calcaris

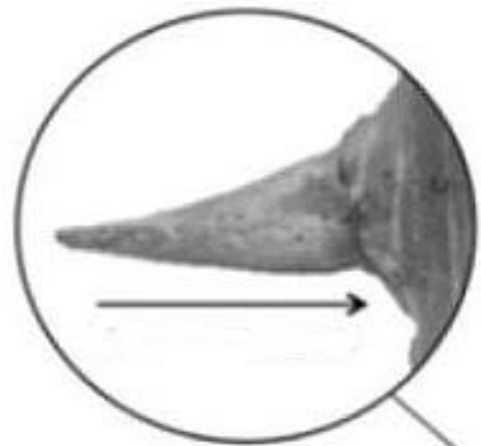
Trochlea metatarsi II.



a)



b)



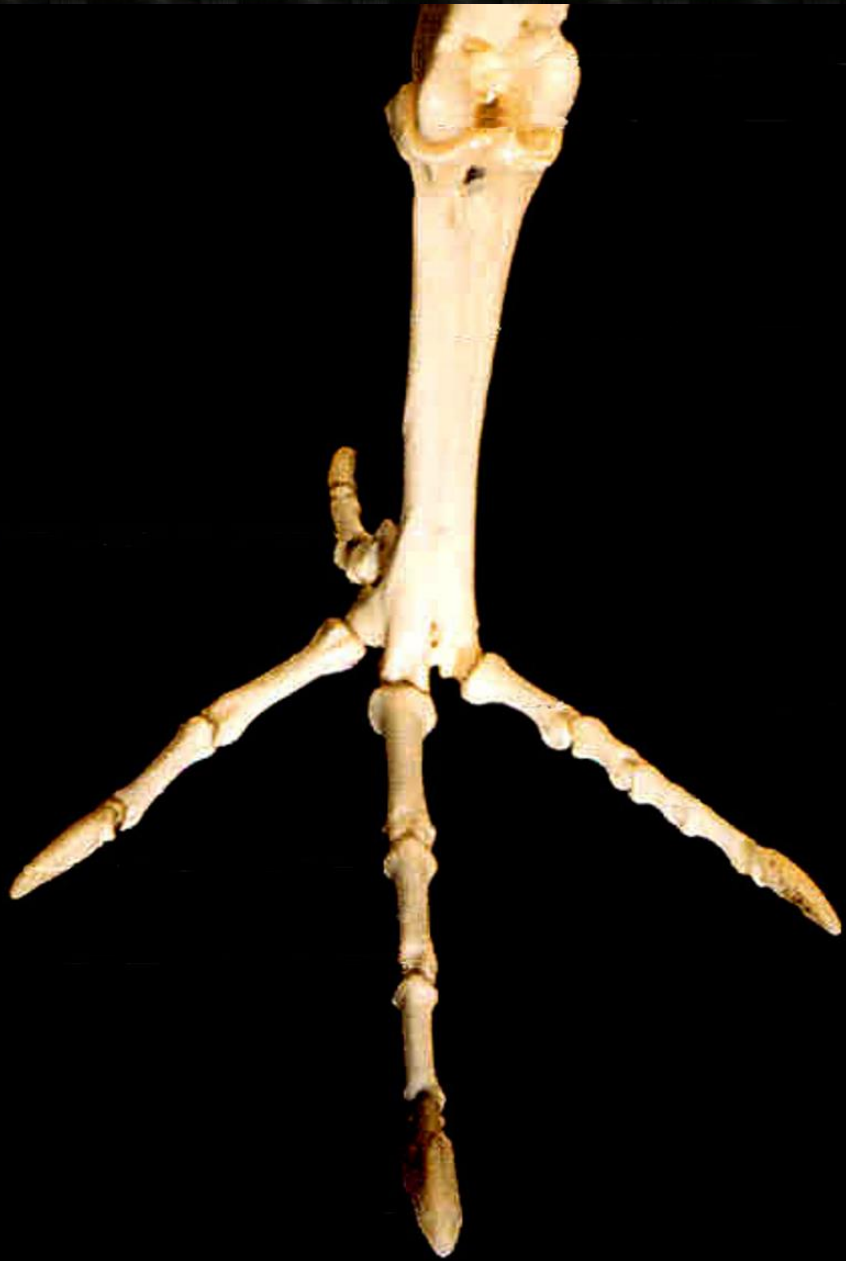
c)

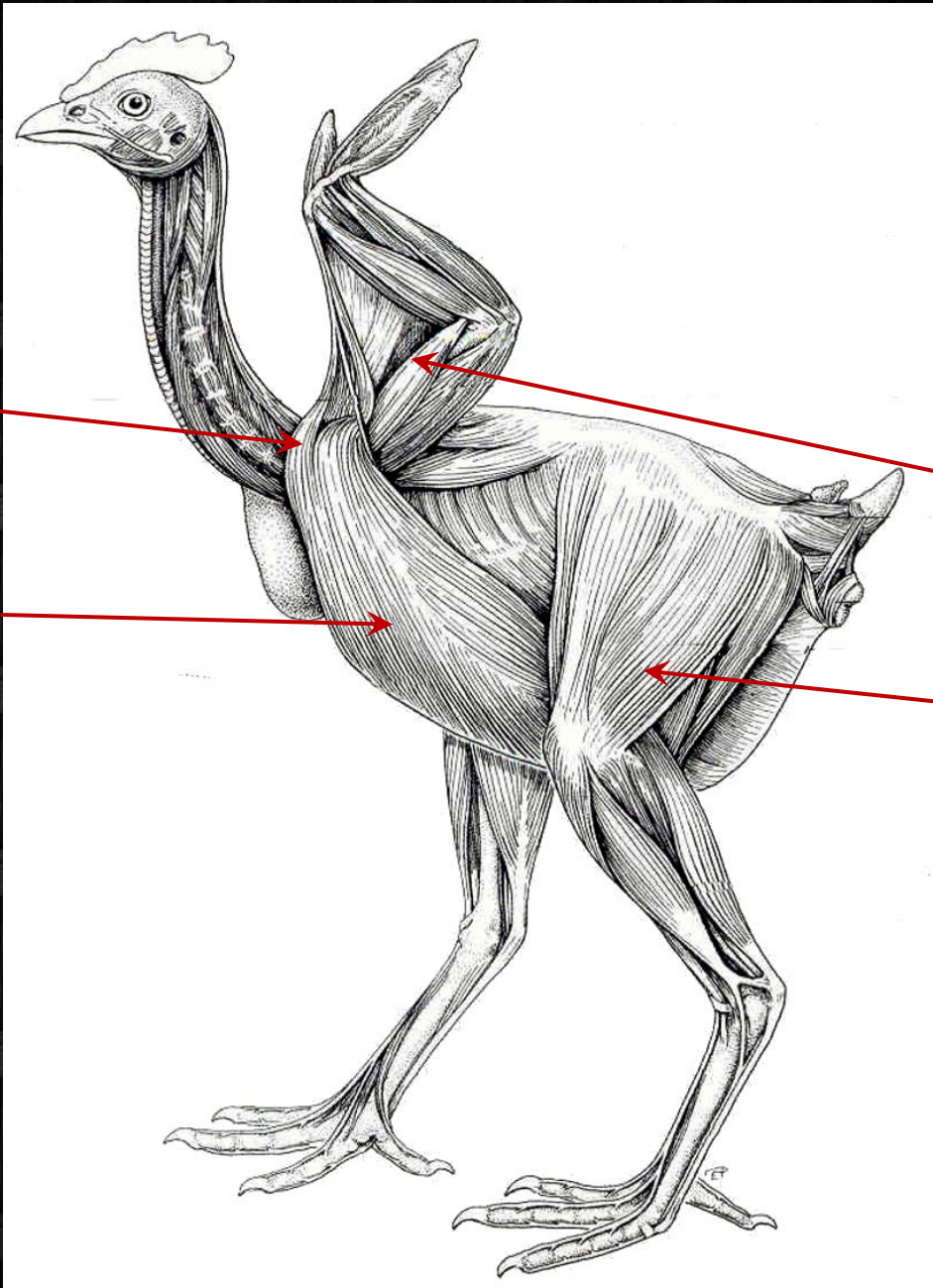


Jahren	Lange (mm)
1	15
2	25
3	35
4	50
5	60

Habermehl 1975:182

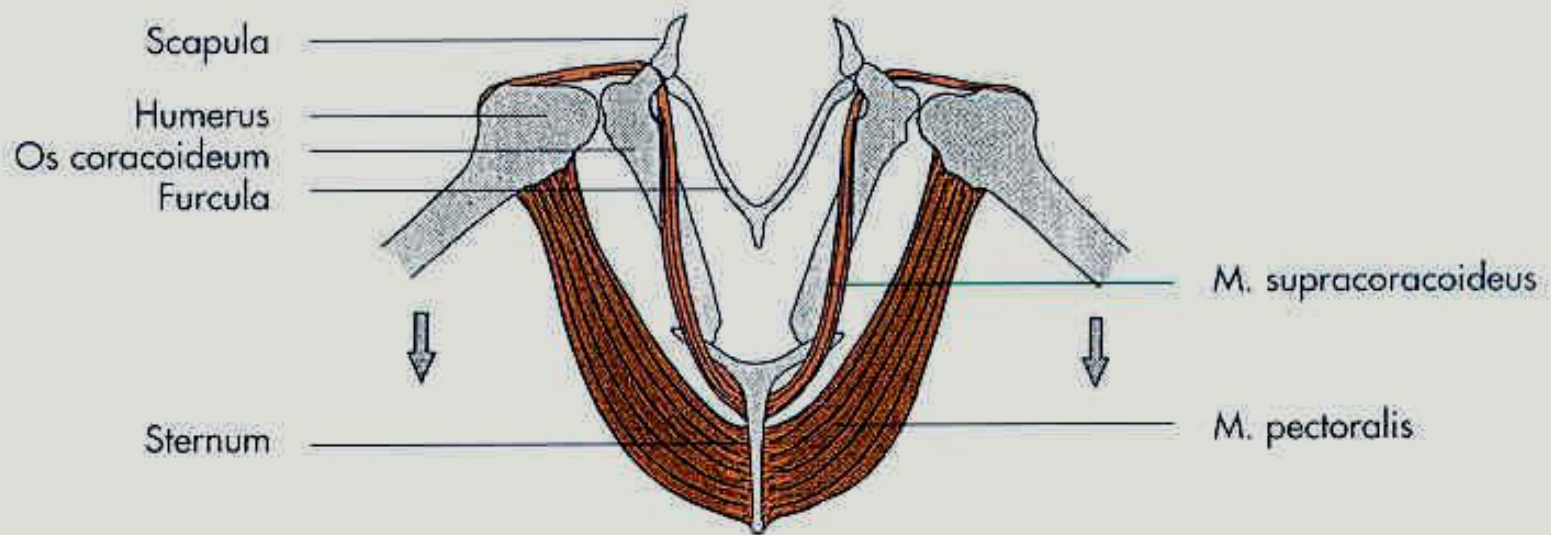
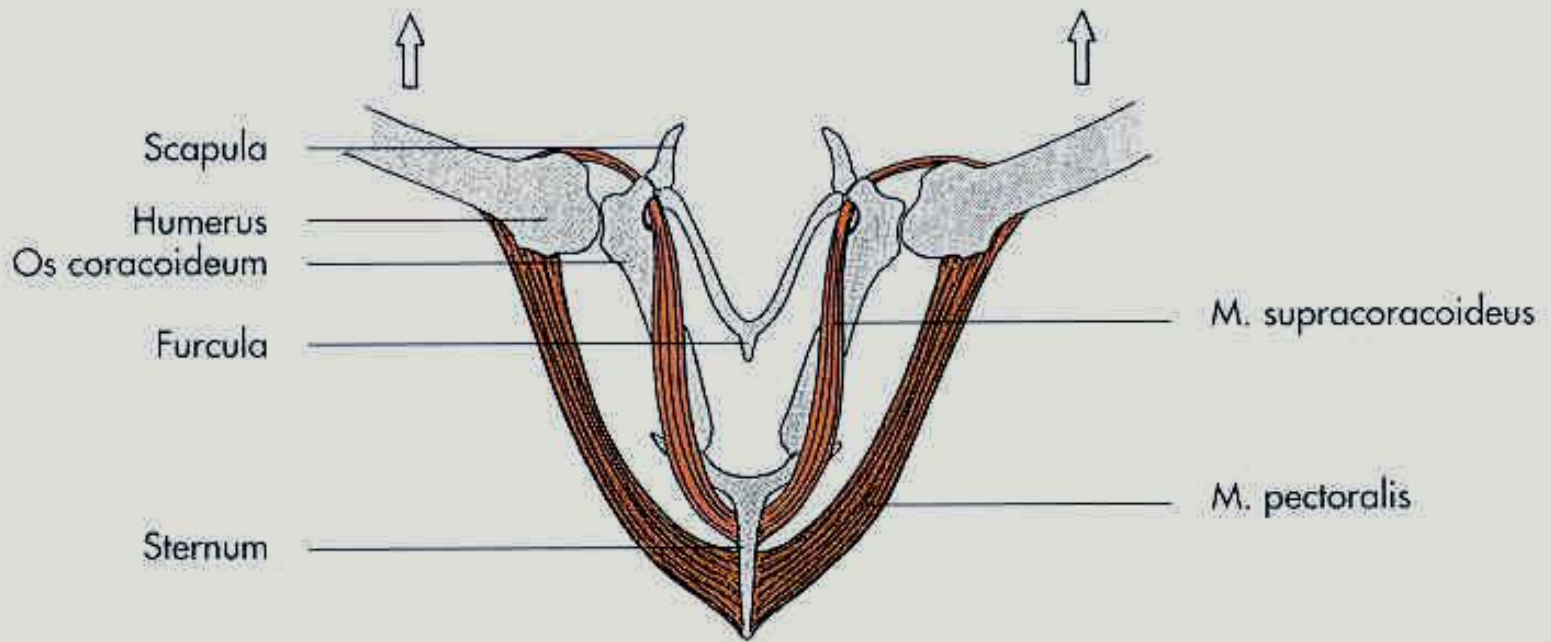
M



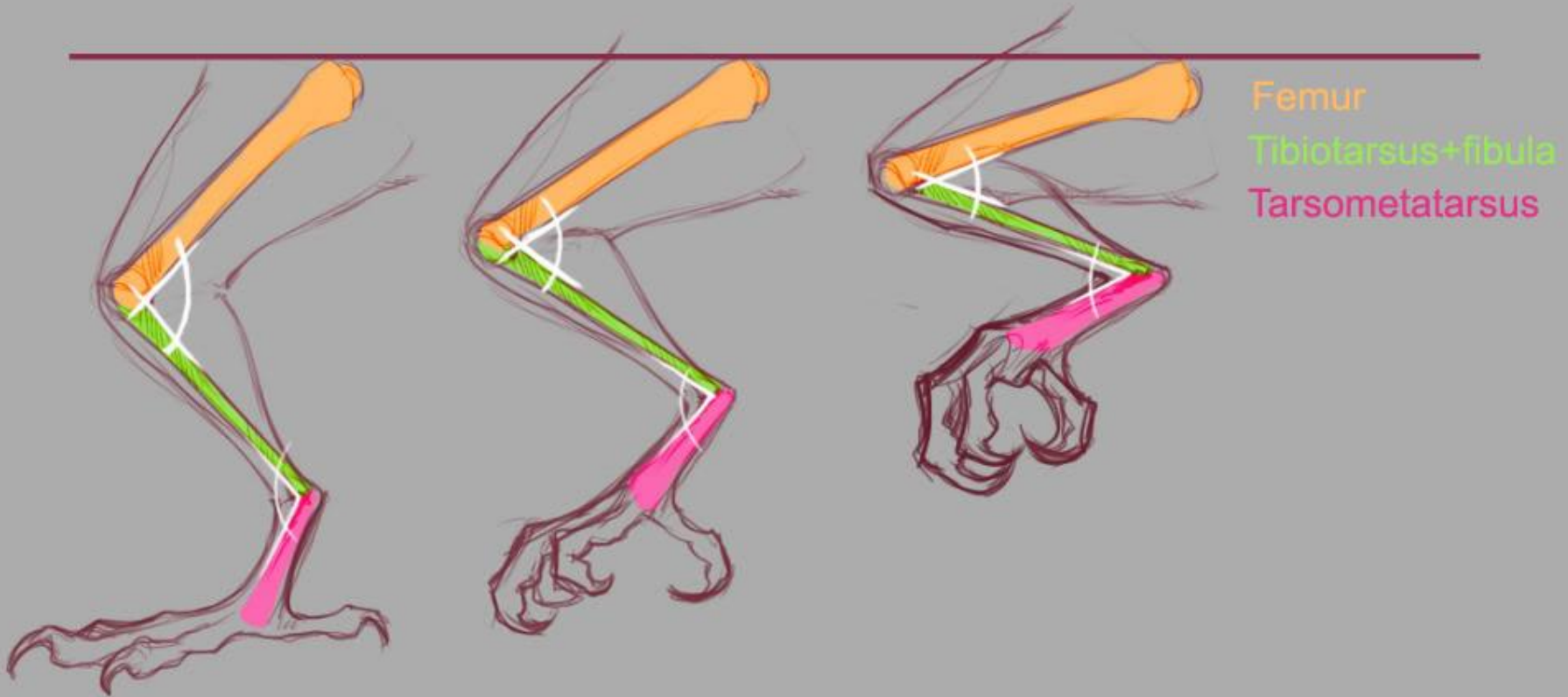
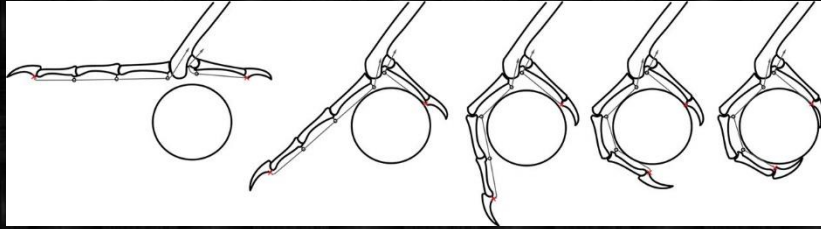


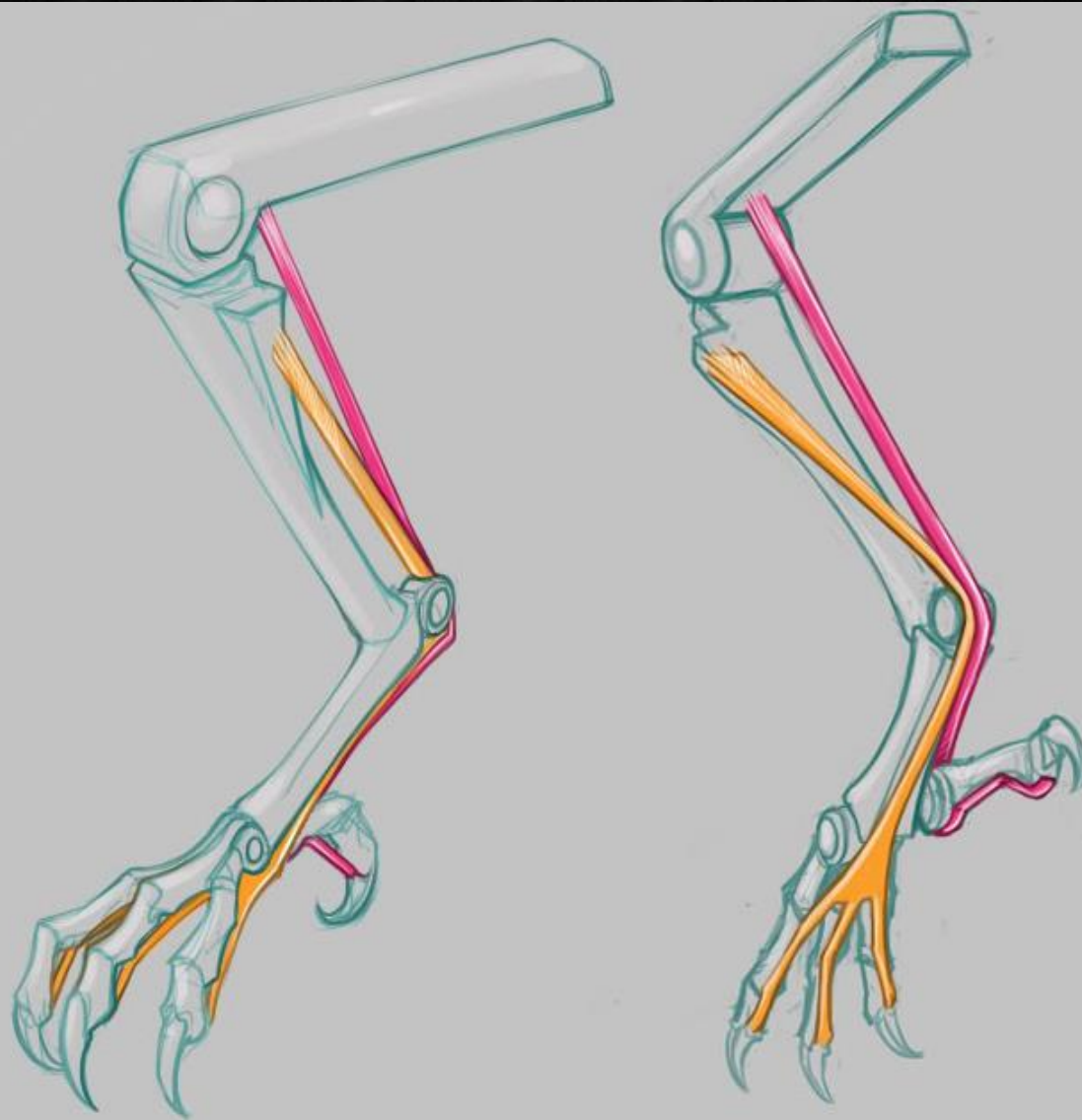
m.
supracoracoideus

mm.
pectorales









Flexor digitorum longus

Flexor hallucis longus.

Danke für Ihre Aufmerksamkeit!