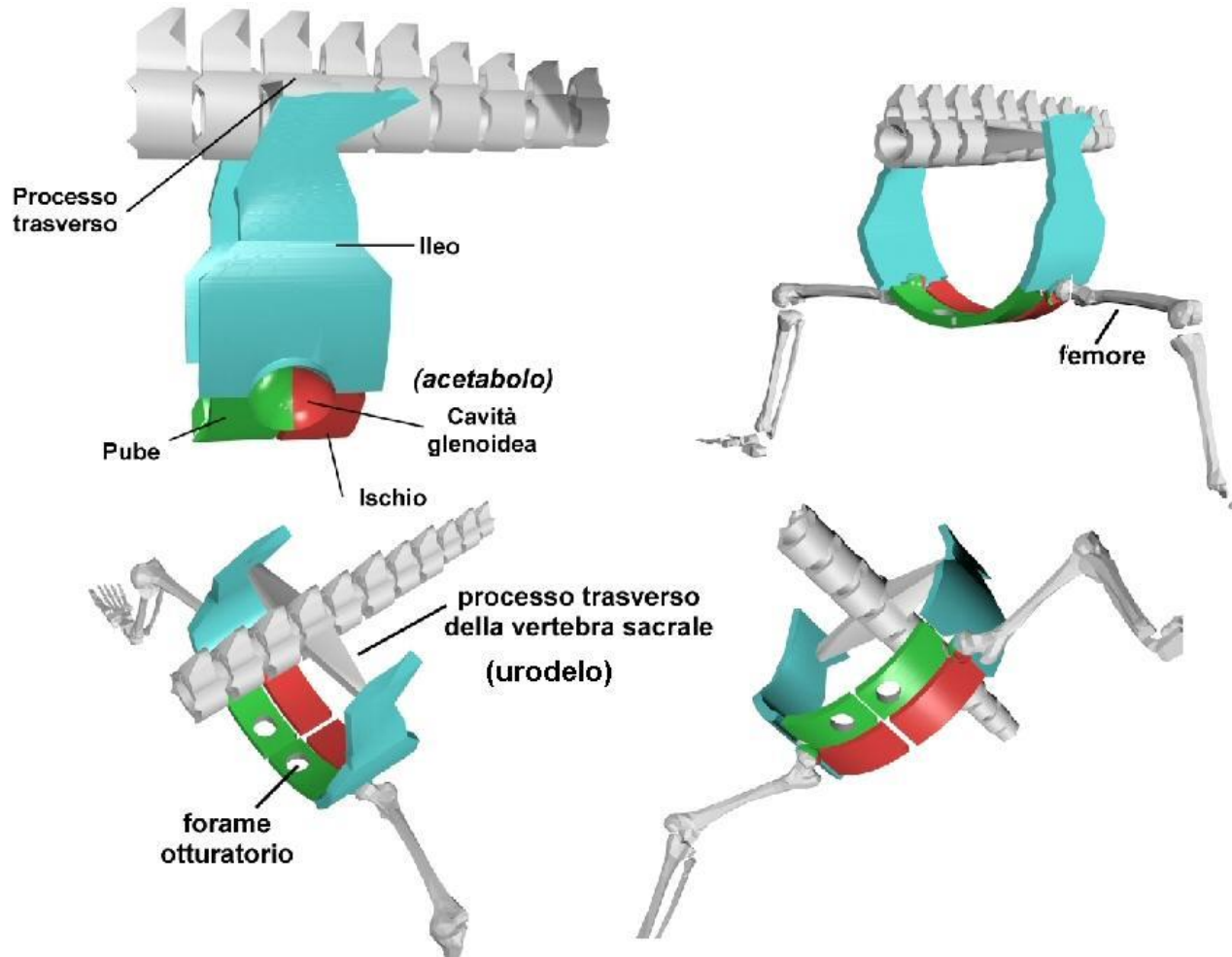


Adattamento al salto alla  
corsa ed al volo

# I cinti: pelvico

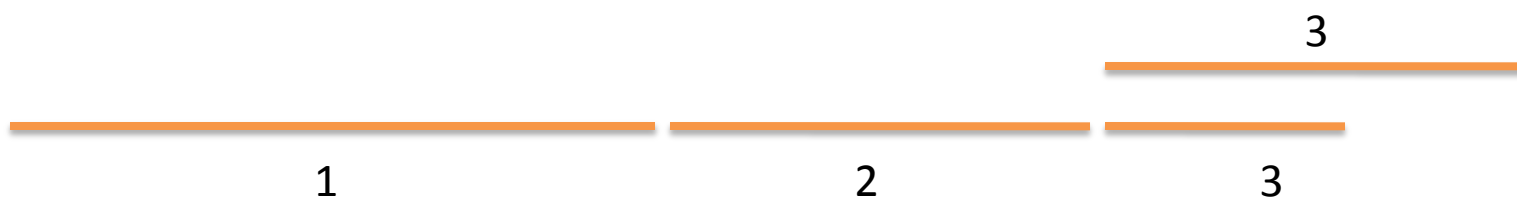
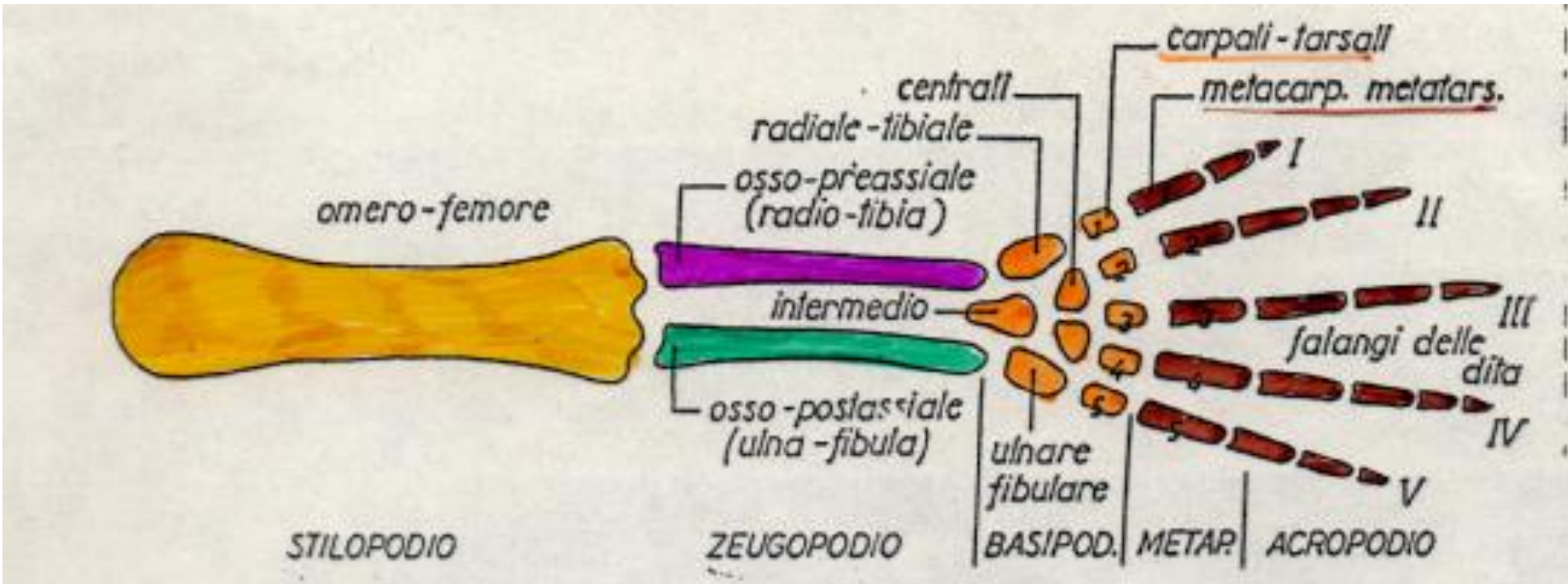
Il cinto pelvico si è sviluppato nei tetrapodi per deambulare sulla terraferma. È costituito da tre ossa di sostituzione: ILEO, ISCHIO e PUBE

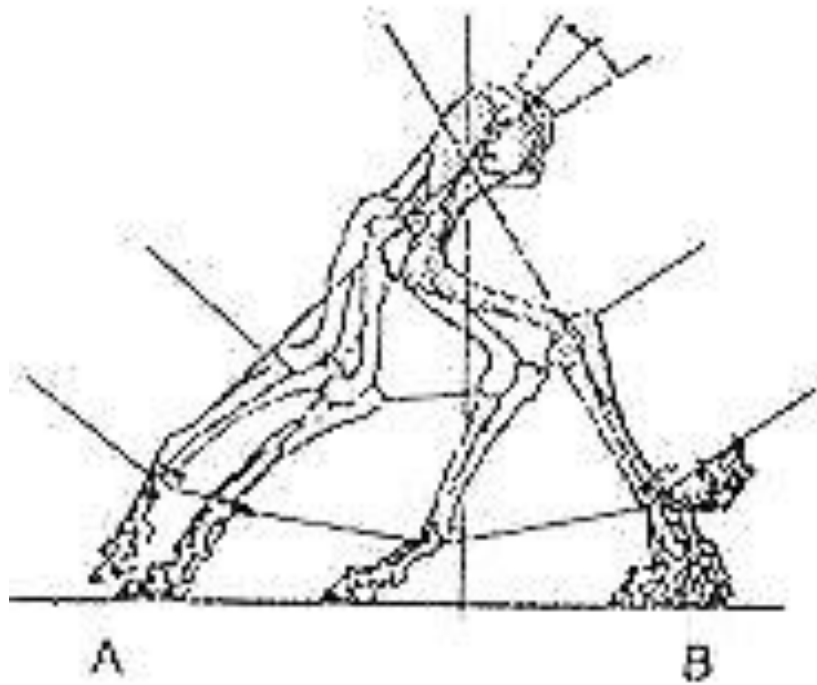


# ARTO

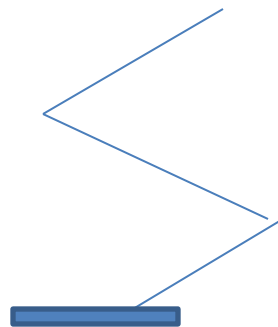
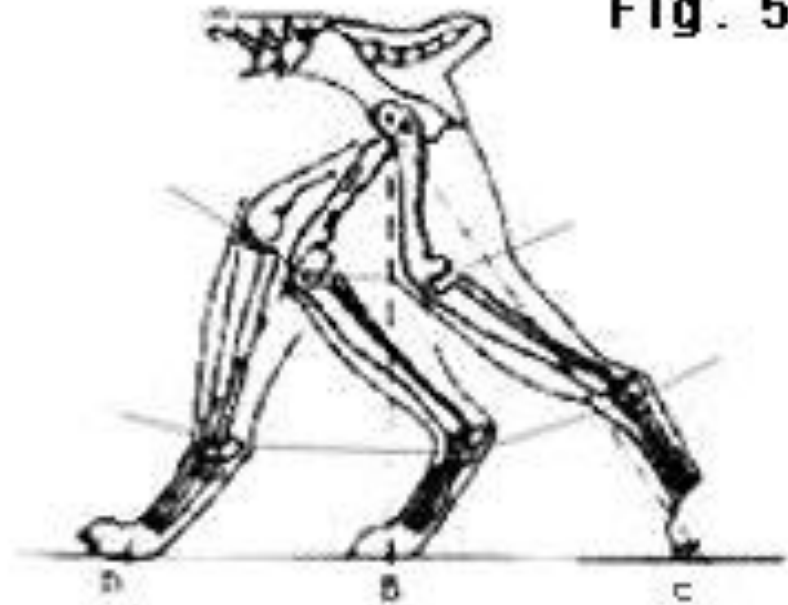
Schema generale:

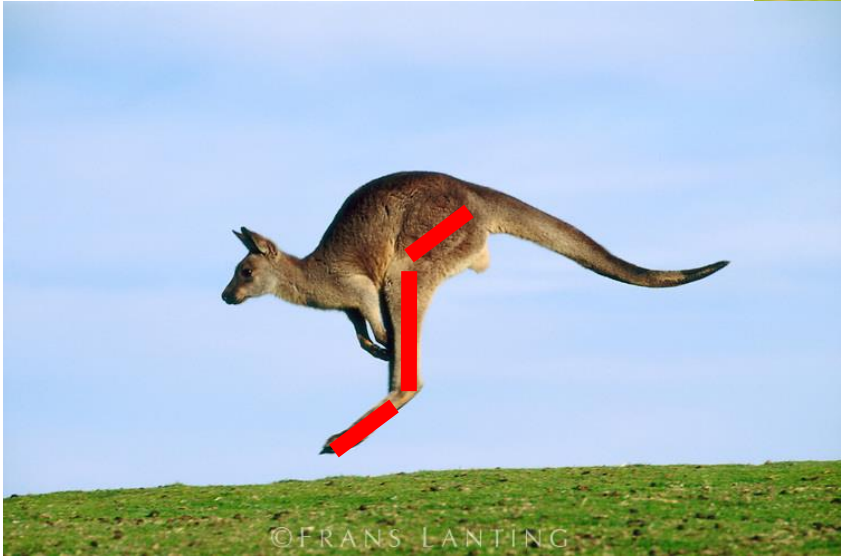
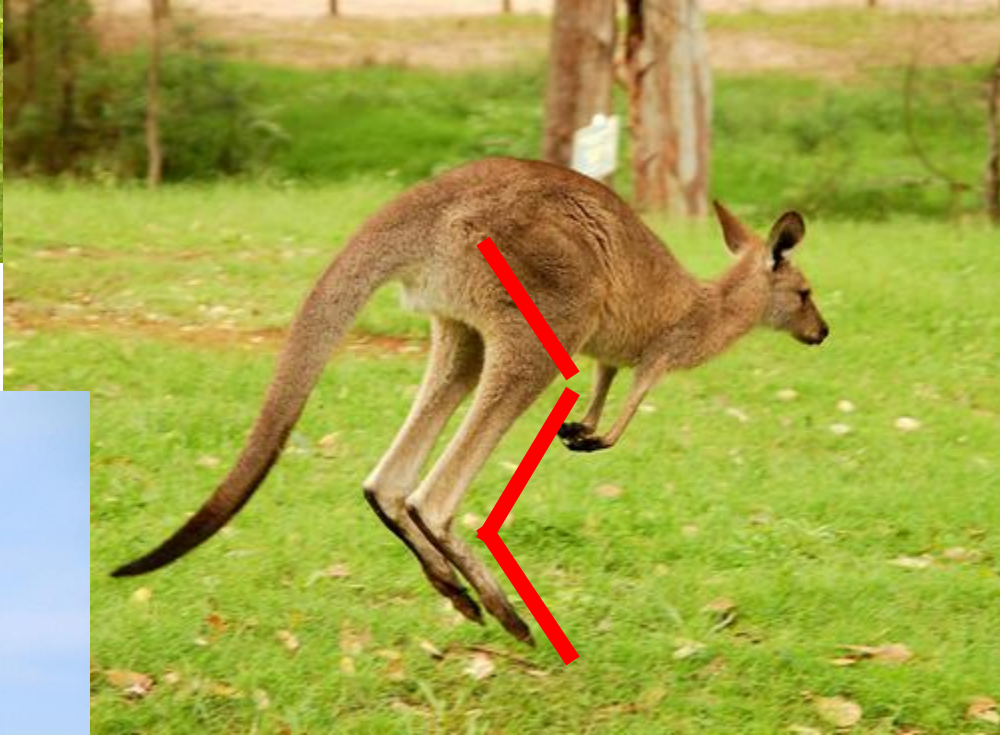
- 





**Fig. 5**









*Galago senegalensis*: pro-scimmia

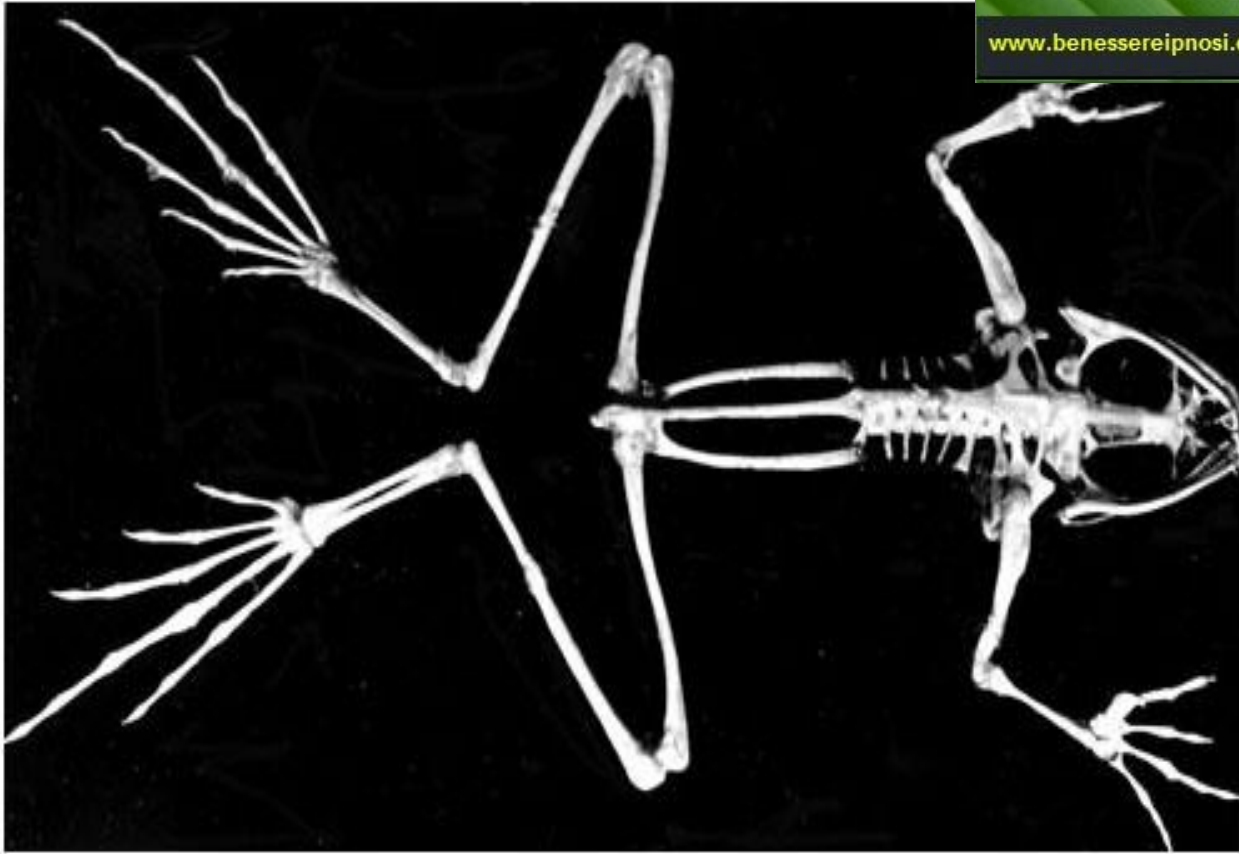




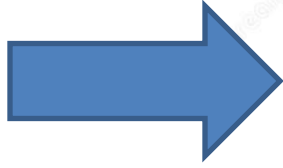
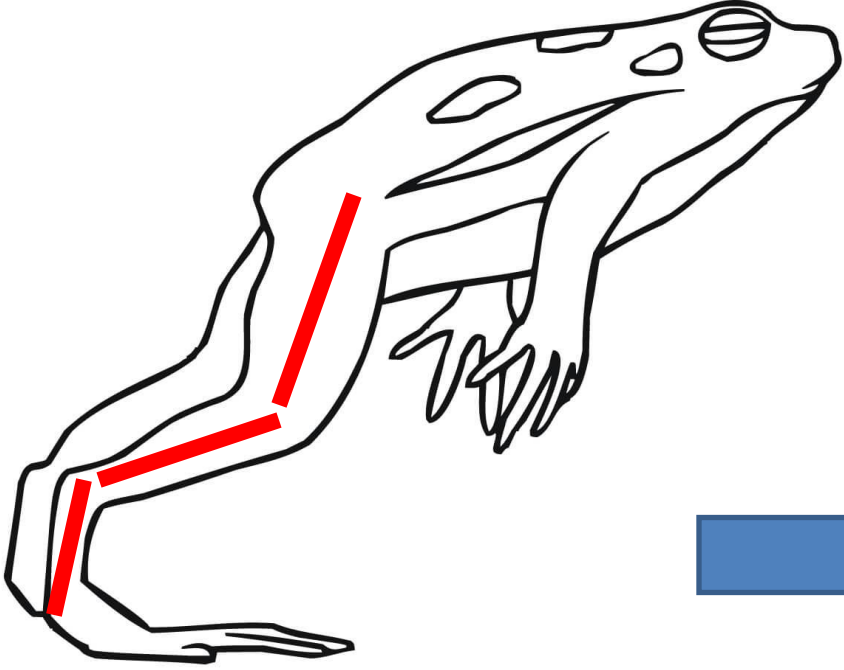




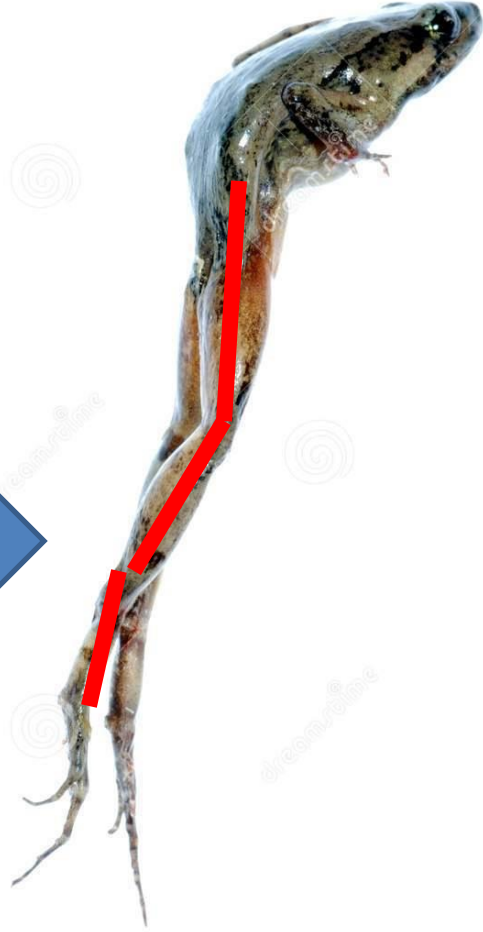
[www.benessereipnosi.com](http://www.benessereipnosi.com)







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**SUPER**  
COLORING



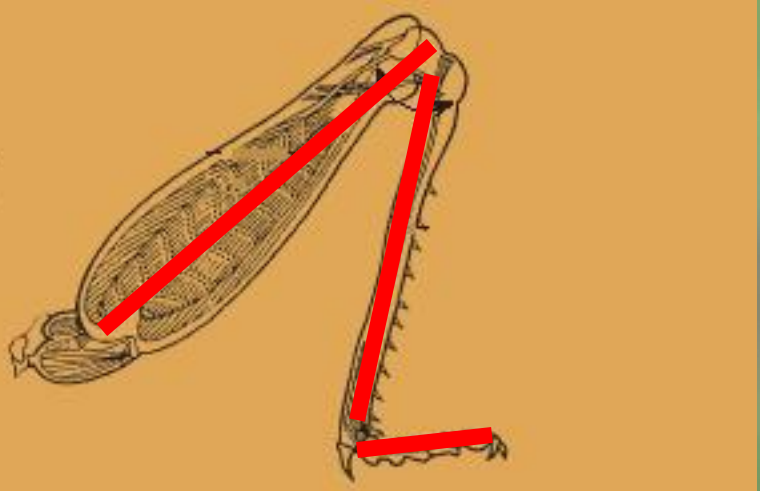
Download from  
**Dreamstime.com**

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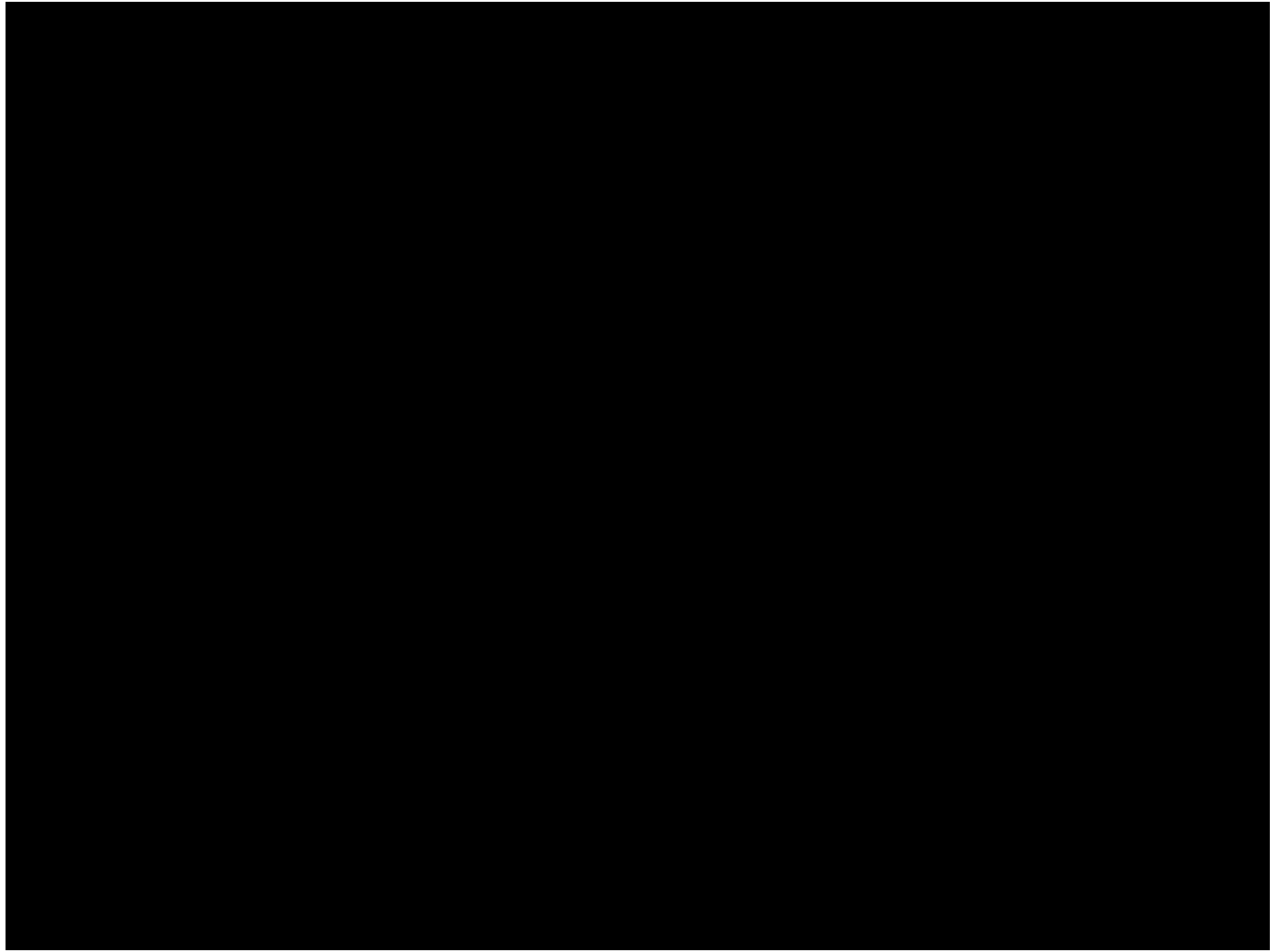
13950591

Xunbin Pan | Dreamstime.com



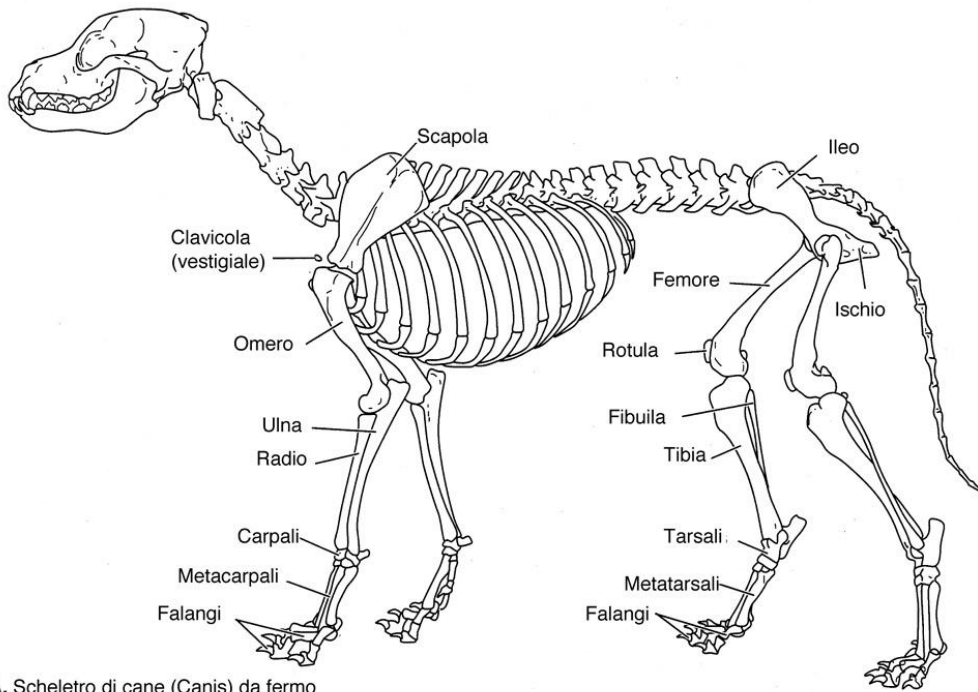




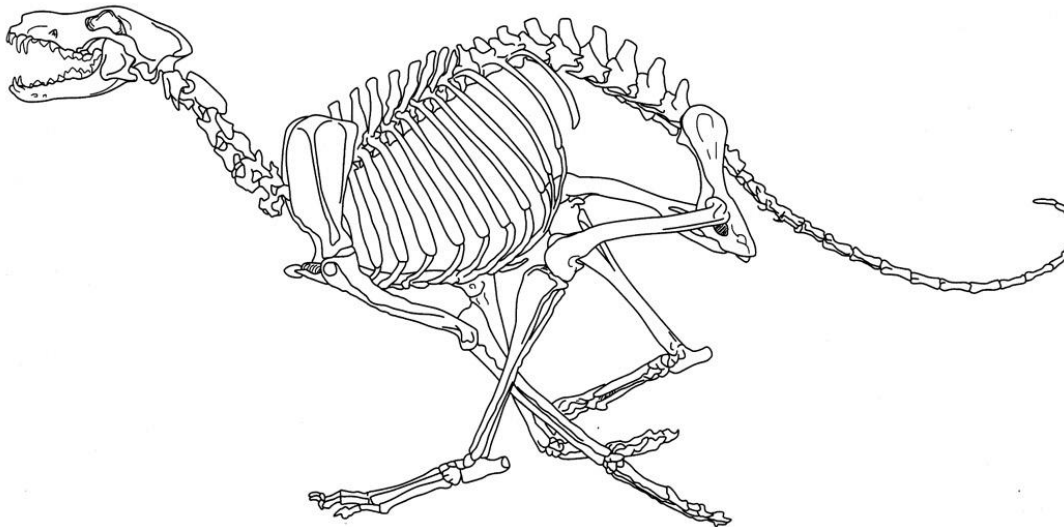


# La corsa è una serie di salti!



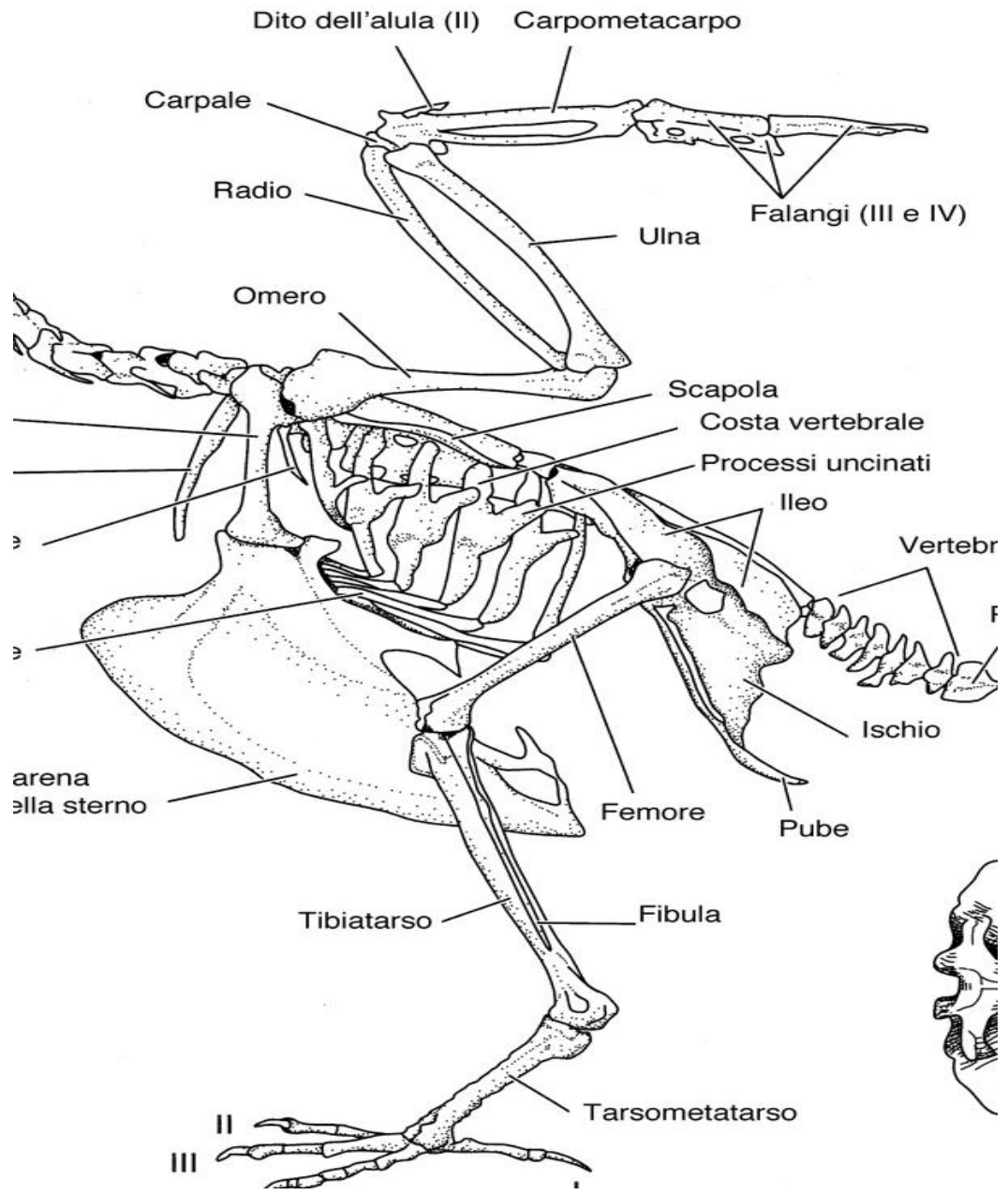


A. Scheletro di cane (*Canis*) da fermo

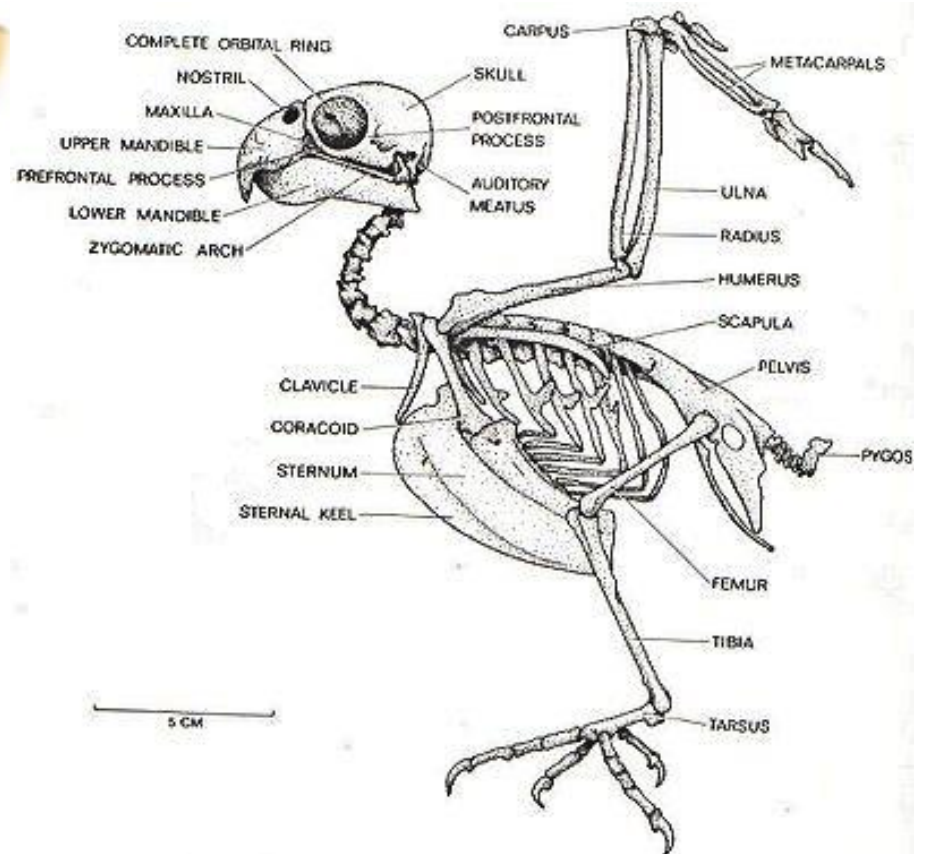
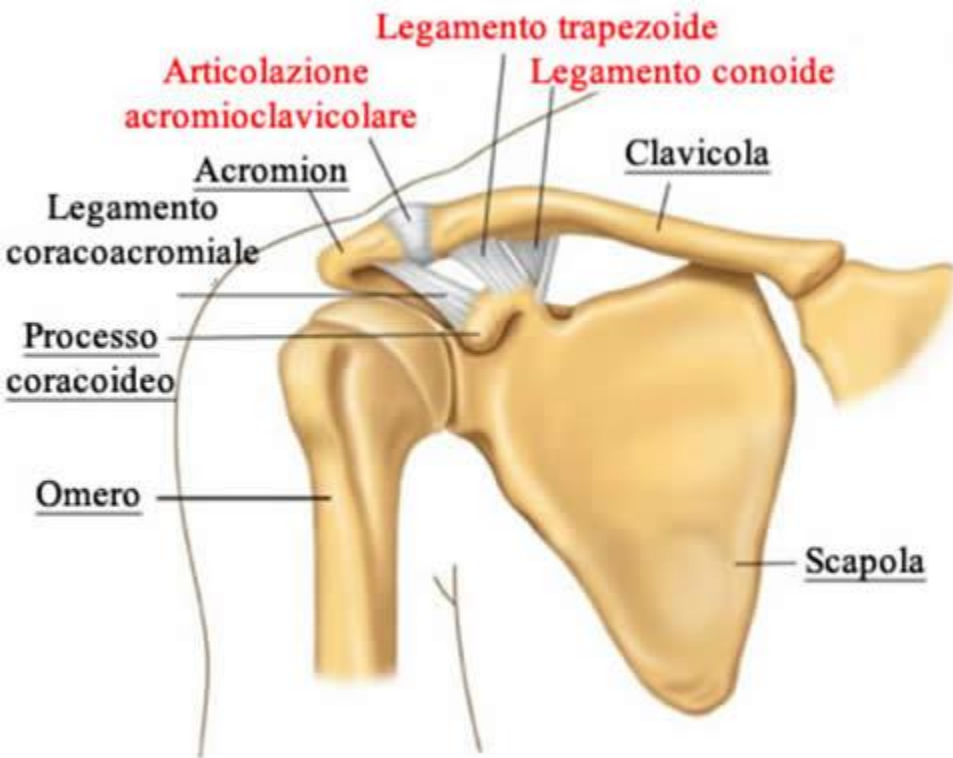


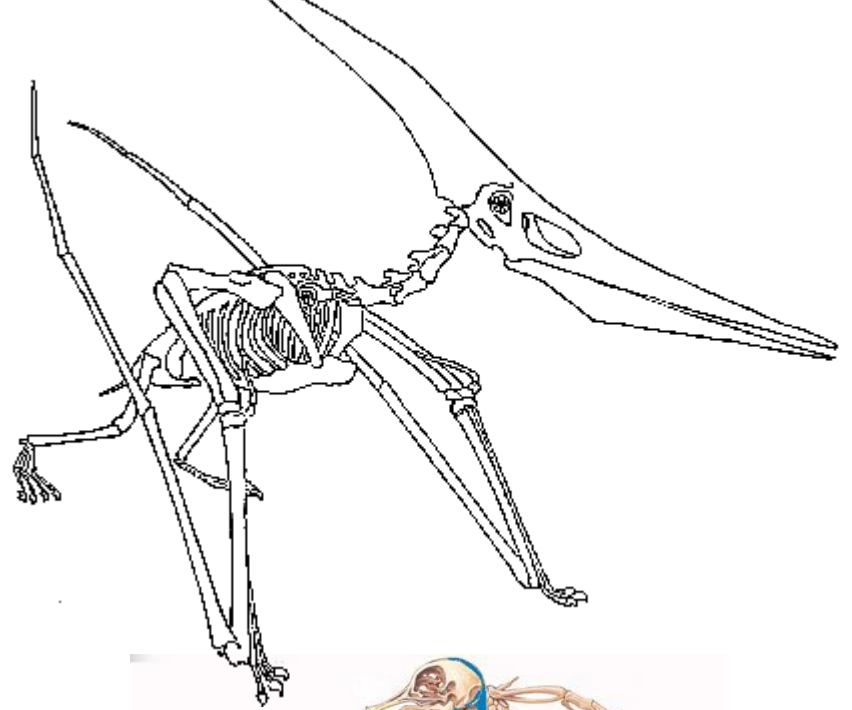
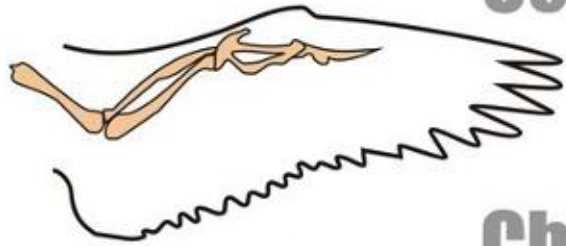
B. Scheletro di cane (*Canis*) durante la fase del balzo del galoppo





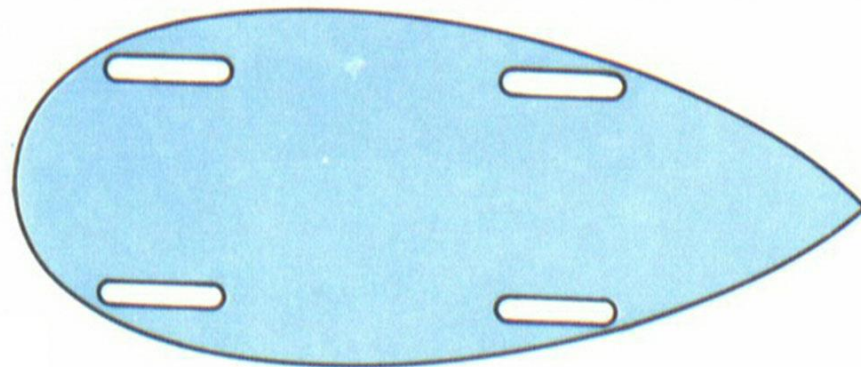
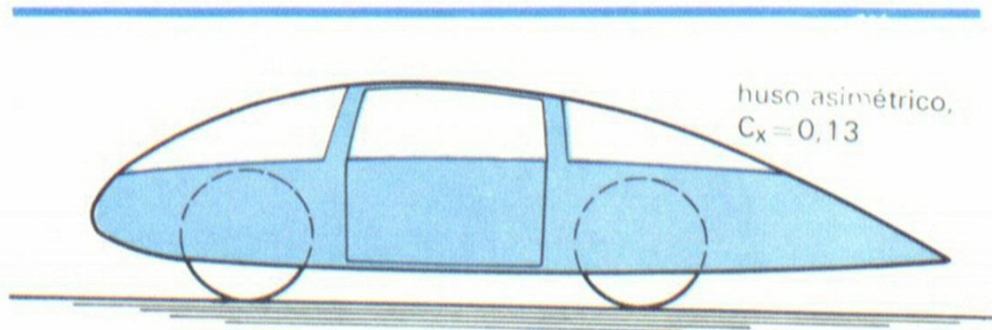
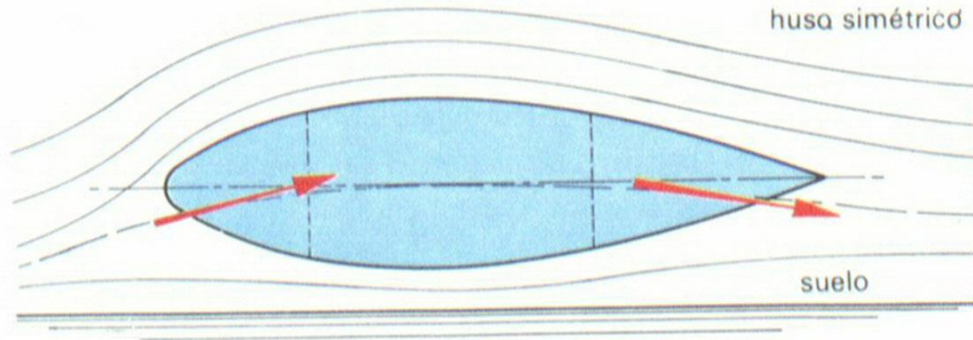
# Il cinto scapolare







# La forma?



## A la velocidad del sonido



Los aviones que vuelan a la velocidad del sonido experimentan un aumento dramático de la resistencia al avance porque las variaciones de presión se acumulan en vez de disiparse. El avión casi ha alcanzado las ondas de presión que va creando su propio avance.

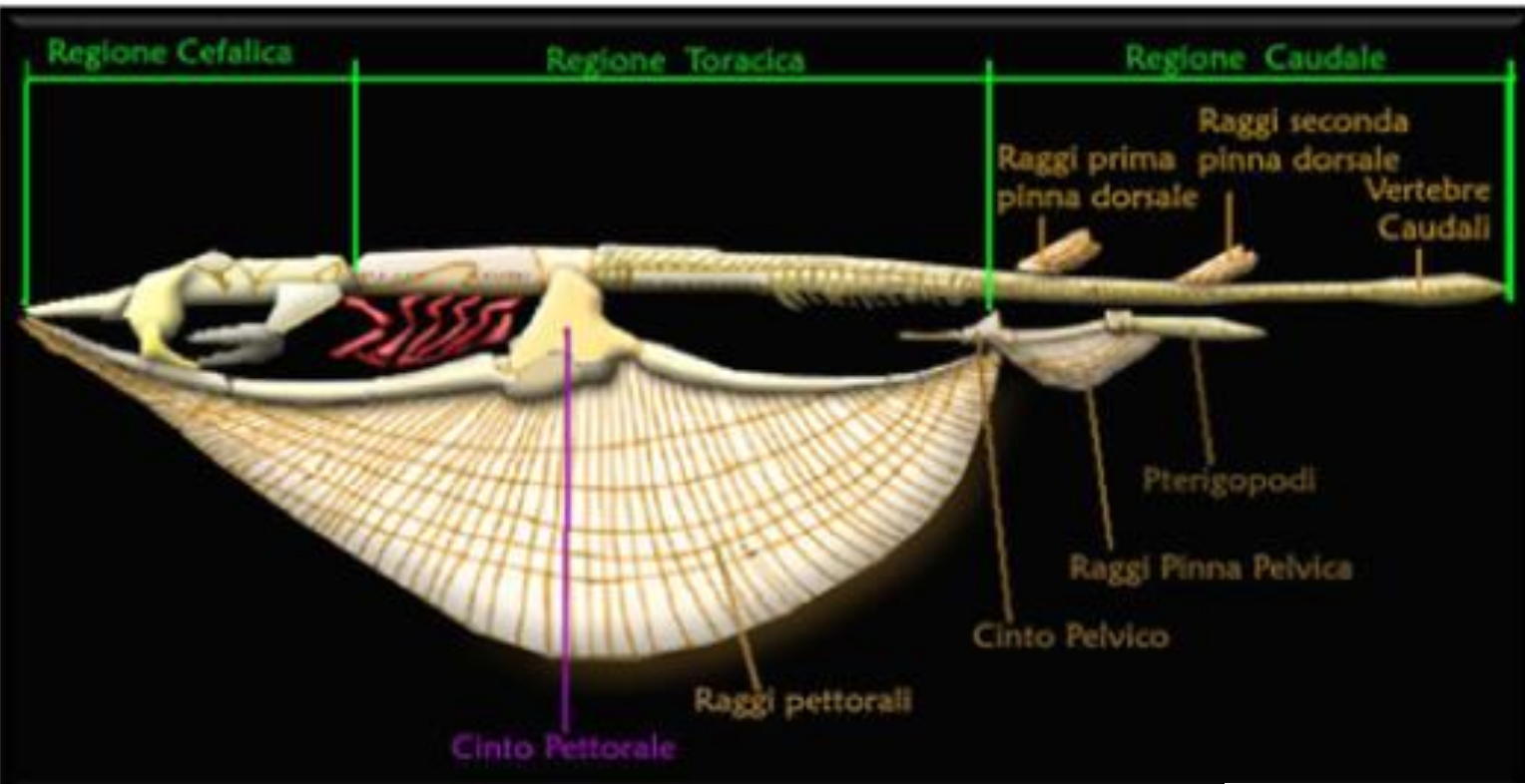
**Velocidad del sonido:** (al nivel del mar)  
aproximadamente 1.223 km/h

## Por encima de la velocidad del sonido

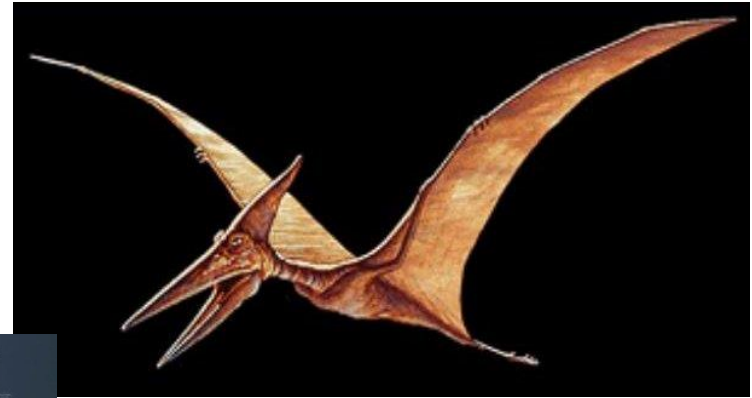
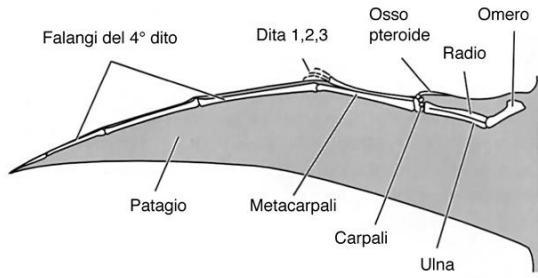


Los aviones que vuelan a más velocidad que el sonido crean poderosas ondas de choque porque el flujo de aire no ha tenido tiempo de ajustarse a su paso. La explosión sónica es el sonido

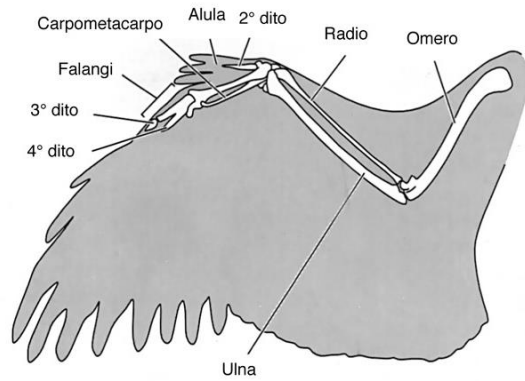
# PLANARE...NON VOLARE!



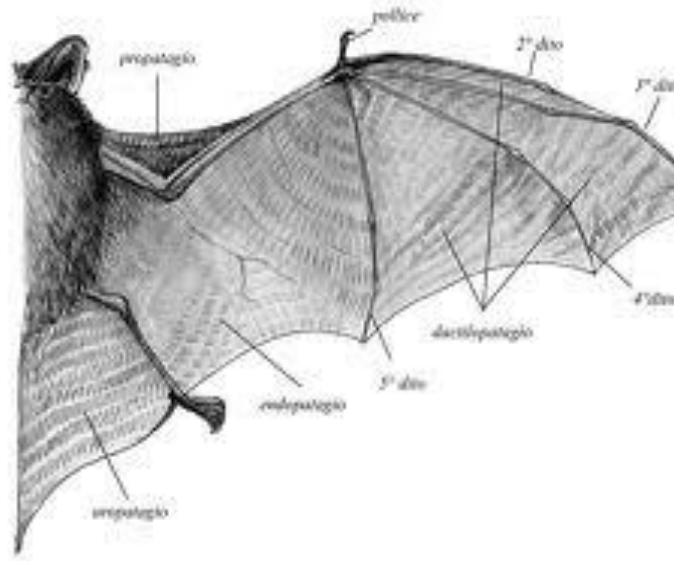
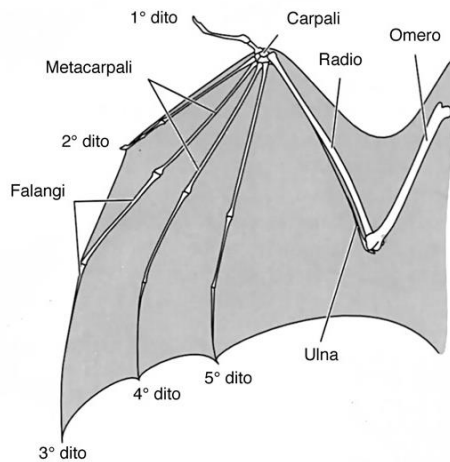
# Adattamento al volo



A. Ala di Pterosauro



B. Ala d'uccello



C. Ala di pipistrello







Vessillo





piuma

semipiuma

filopiuma

setola o vibrissa

penna di contorno

calamo

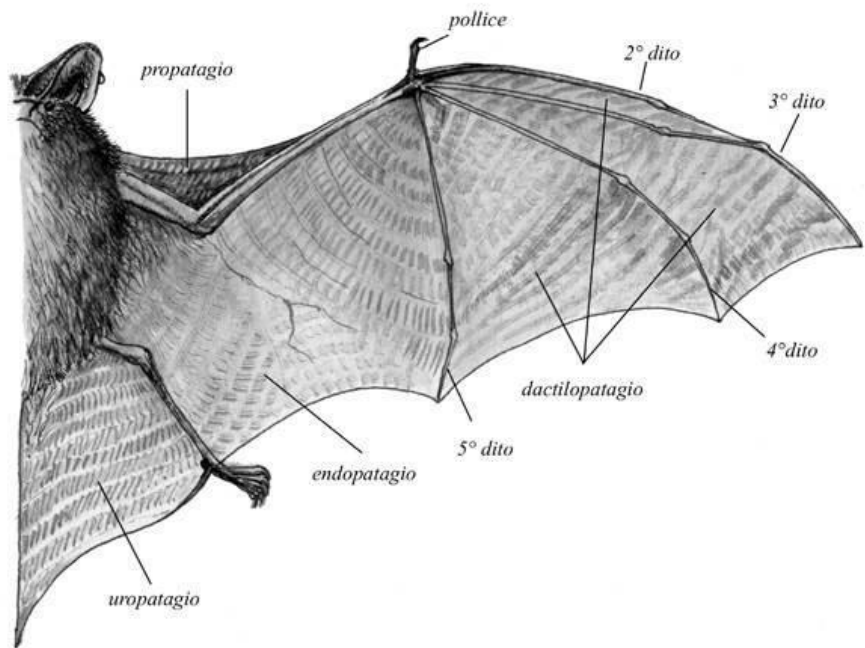
vessillo

rachide

barbula

uncino

barba



CIAO....ci vediamo in laboratorio!

