

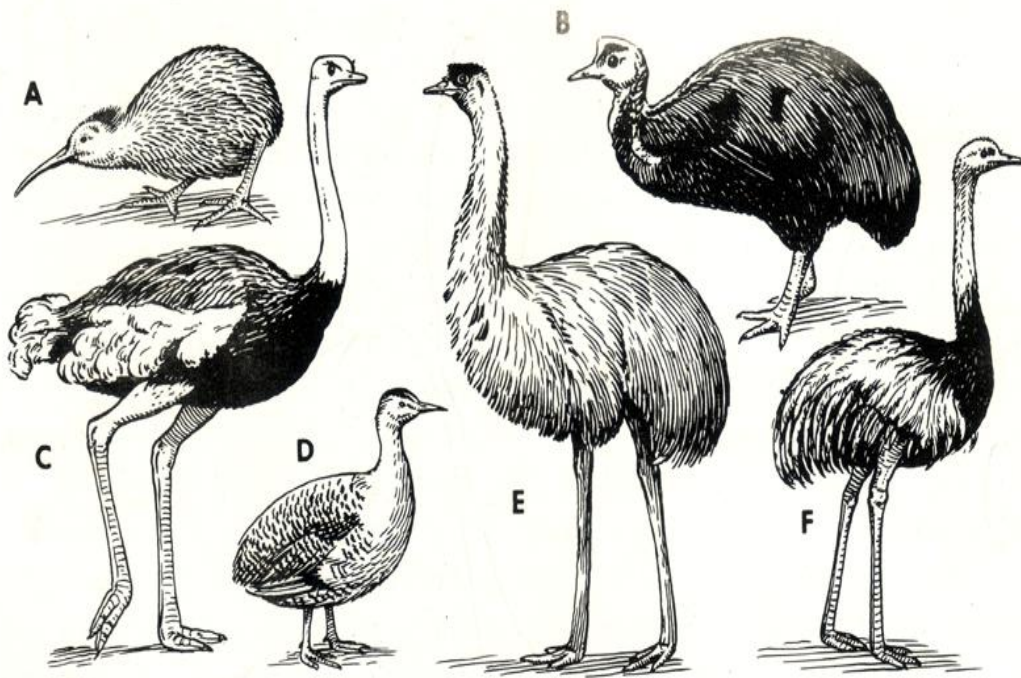
# **Esercitazioni di Anatomia Comparata**

**A.A. 2009/2010**

**CdL Scienze Biologiche**

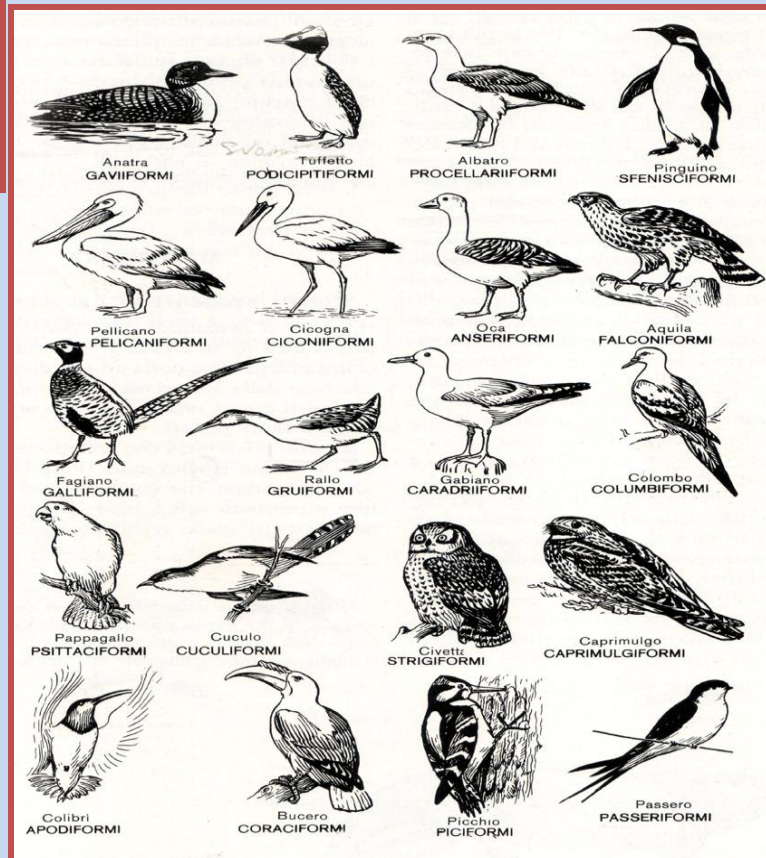
Canali A-L e M-Z

**V - Uccelli**



## I Neognati (carenati)

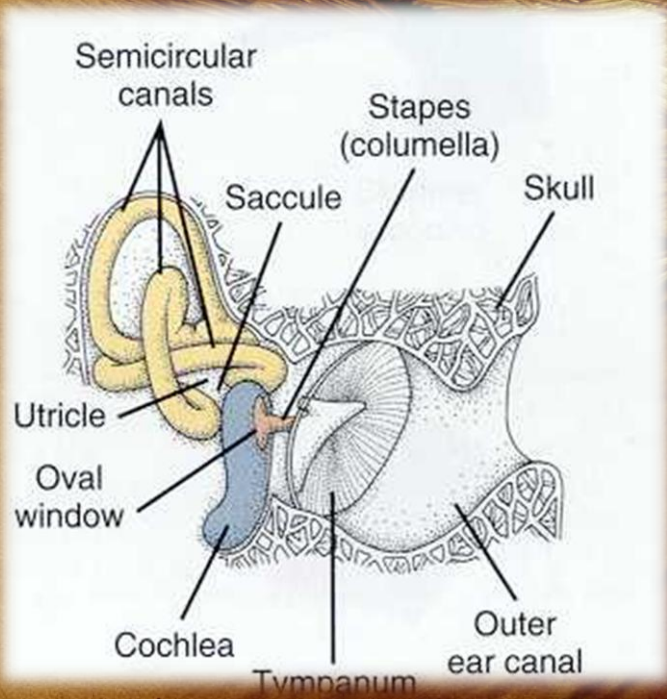
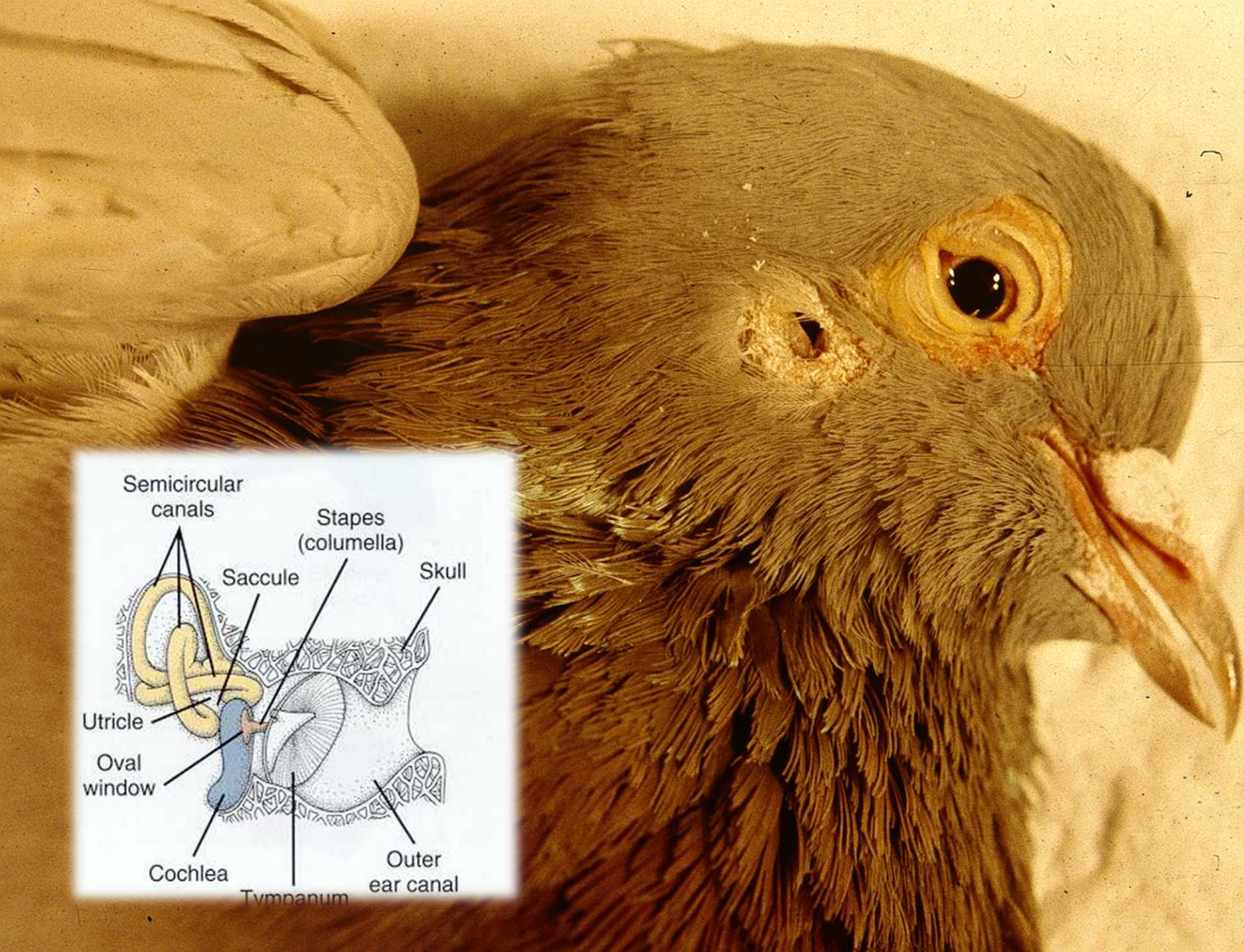
## I Paleognati (acarenati)





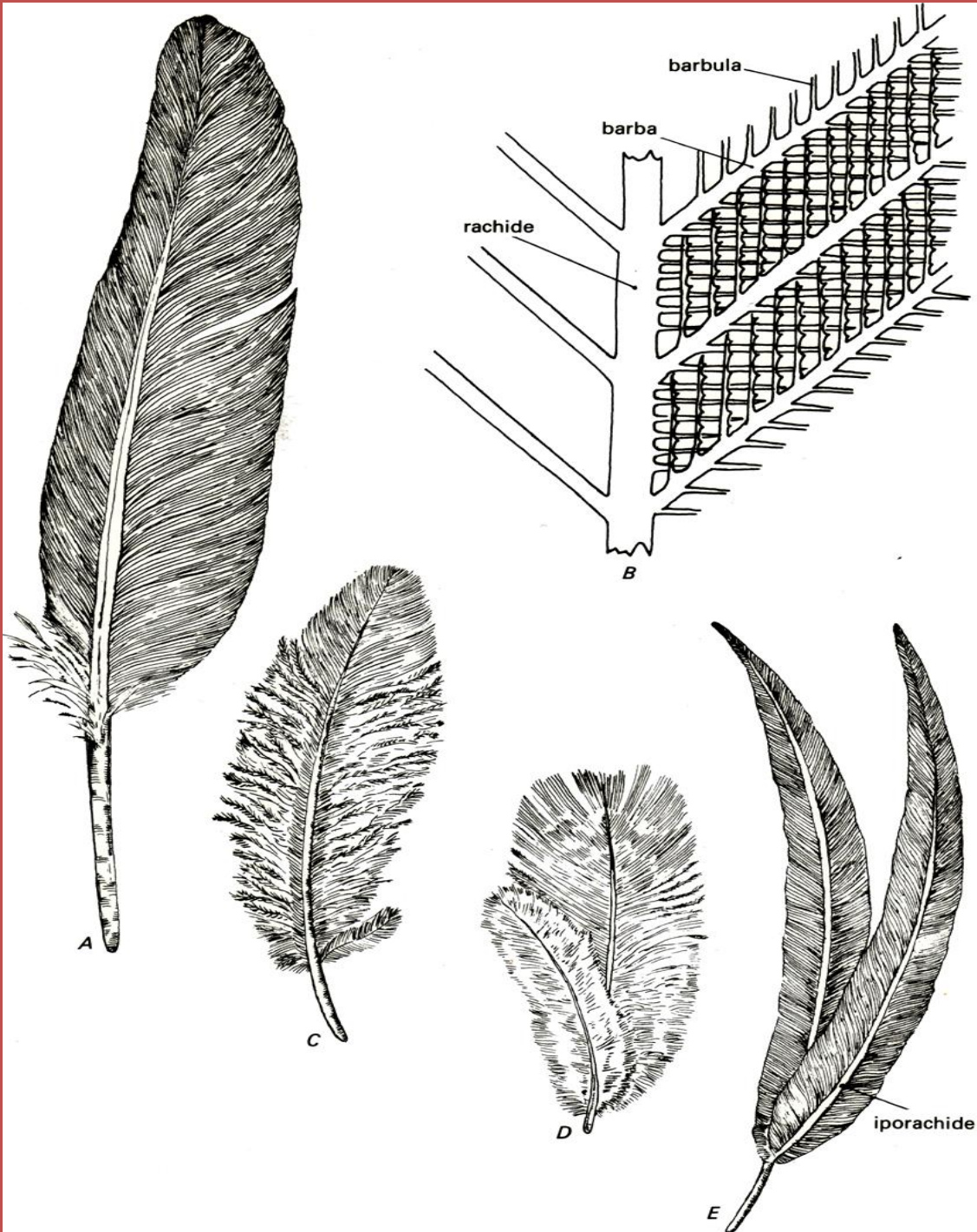
**Il Kiwi**





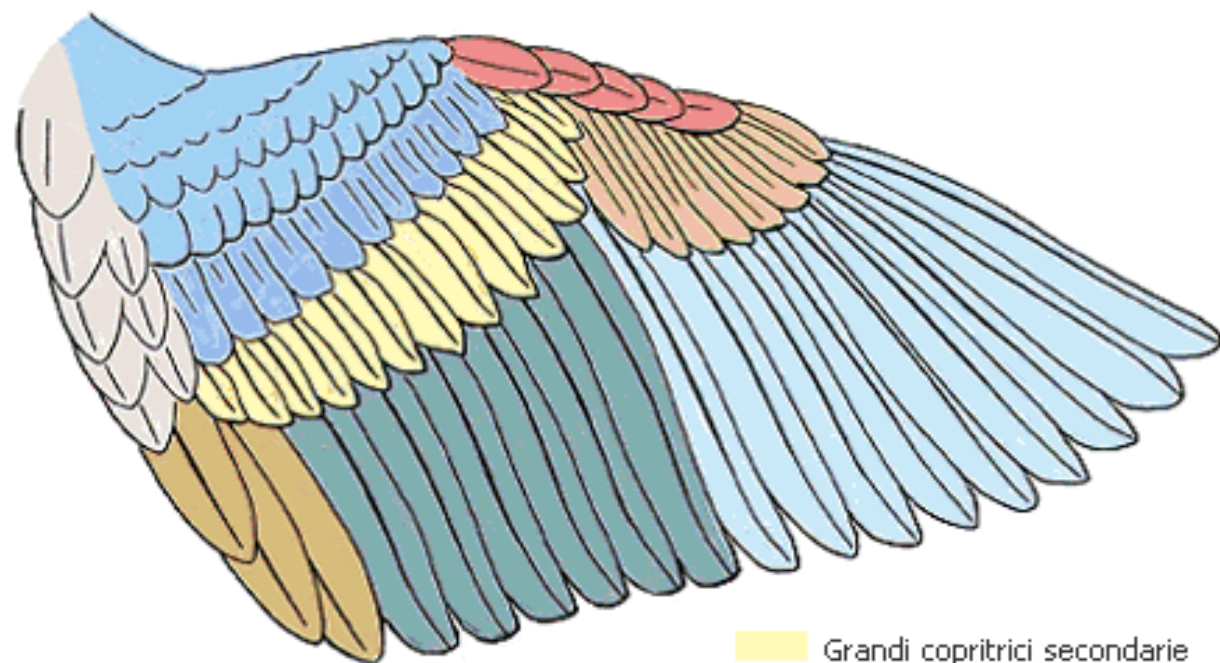
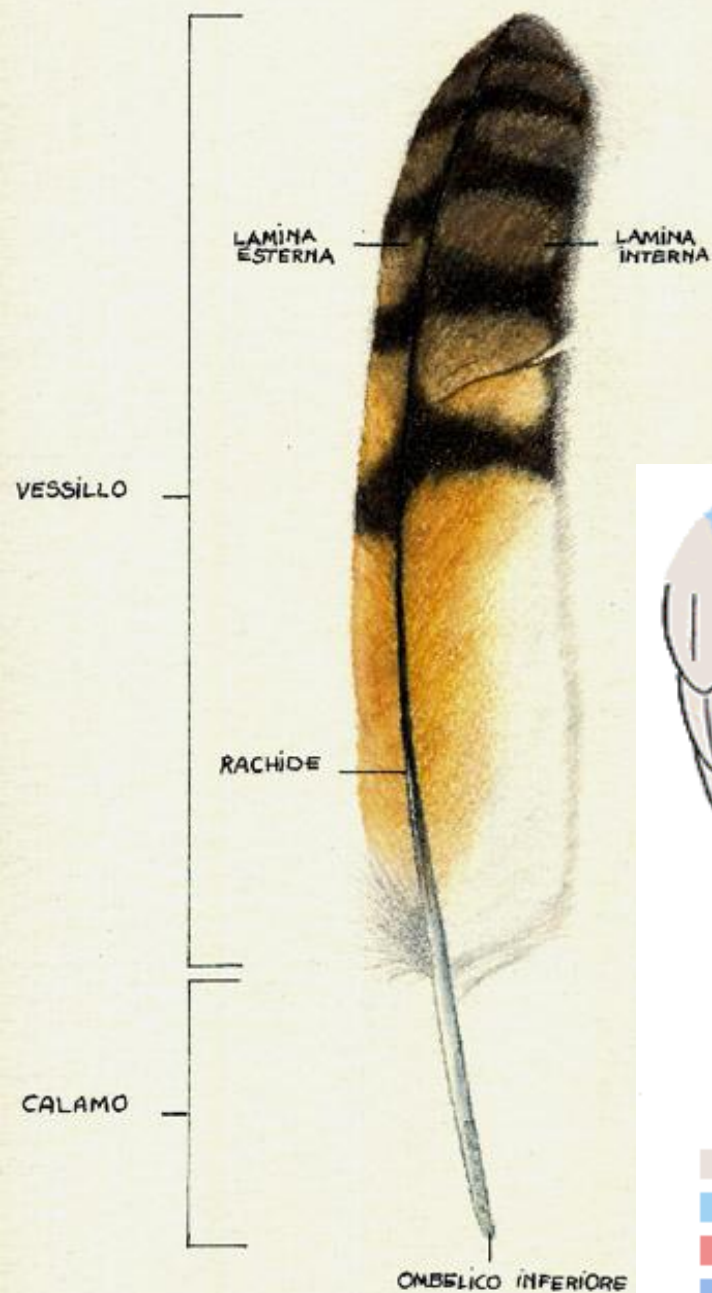




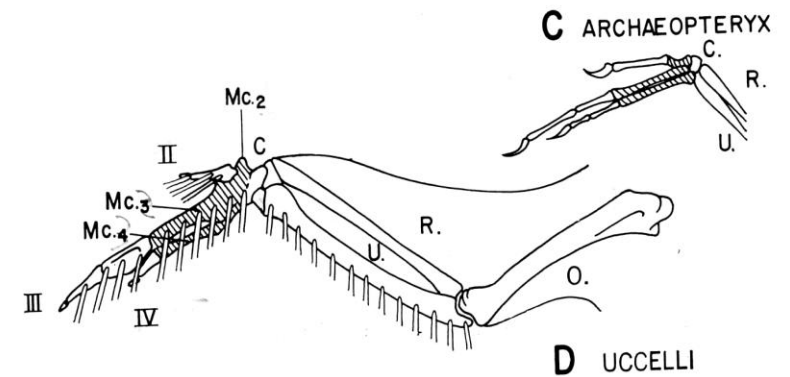
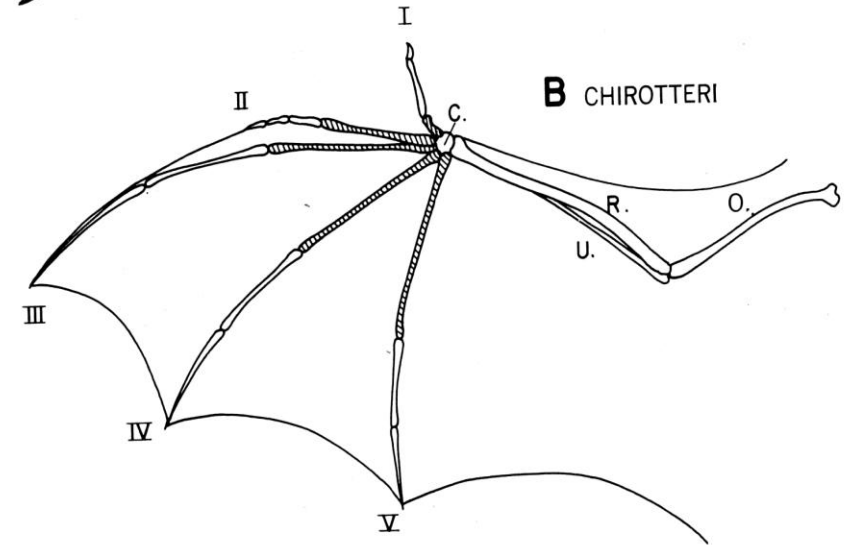
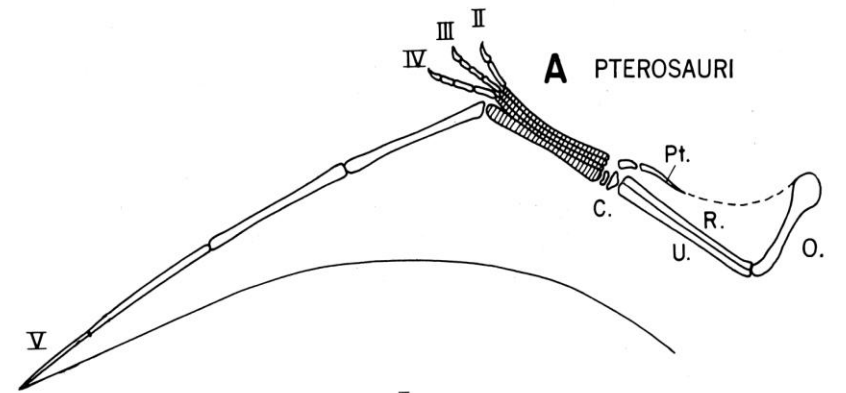
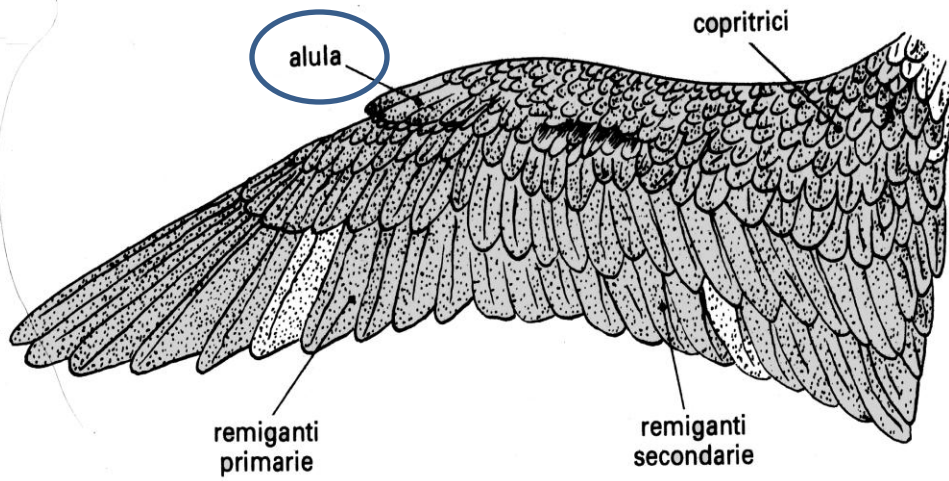


- REMIGANTI
- TIMONIERE
- COPRITRICI

## Squame

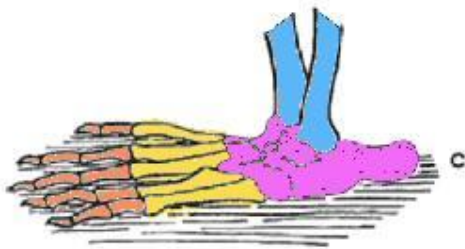


- |                                                                                     |                                         |                                                                                       |                               |
|-------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|
|  | Scapolari                               |  | Grandi copritrici secondarie  |
|  | Piccole copritrici secondarie superiori |  | Copritrici primarie superiori |
|  | Penne spurie                            |  | Remiganti di I ordine         |
|  | Copritrici mediane secondarie superiori |  | Remiganti di II ordine        |
|                                                                                     |                                         |  | Remiganti di III ordine       |

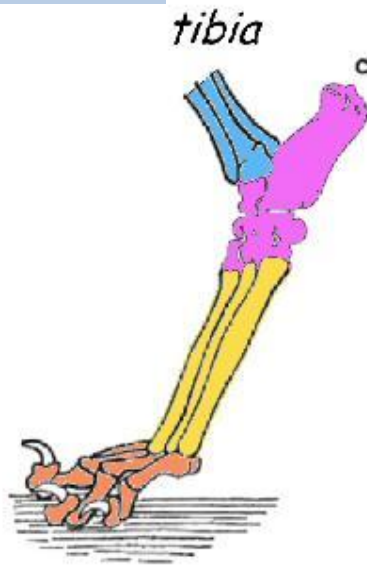


**D UCCELLI**

## Evoluzione dell'arto nei Mammiferi e negli Uccelli



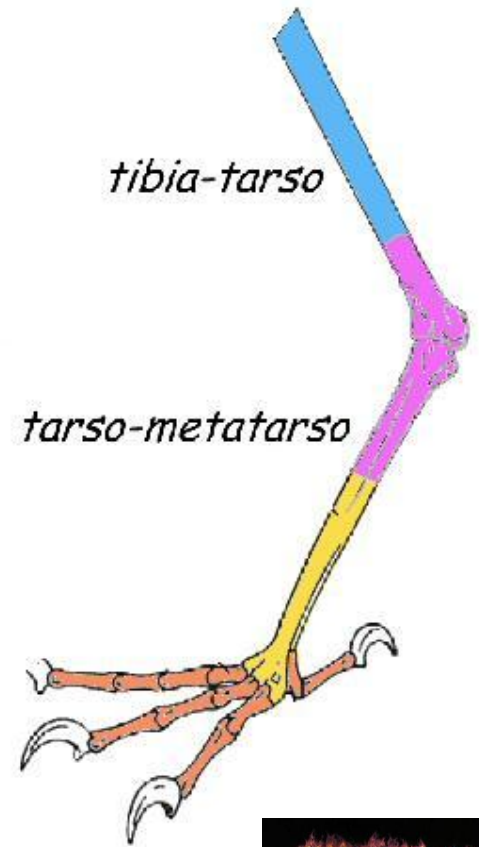
SCIMMIA  
PLANTIGRADO



CANE  
DIGITIGRADO

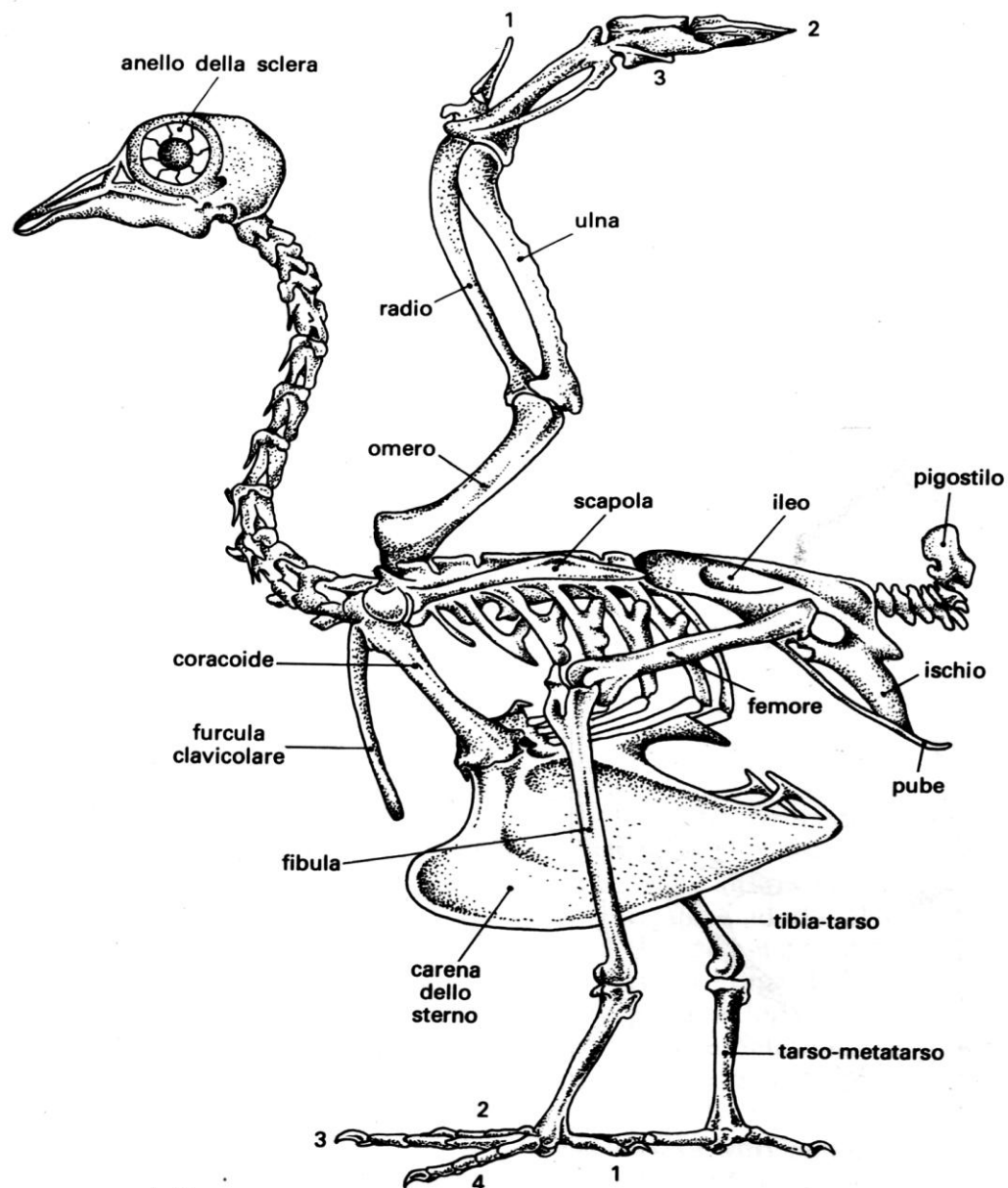


CERVO  
UNGULIGRADO



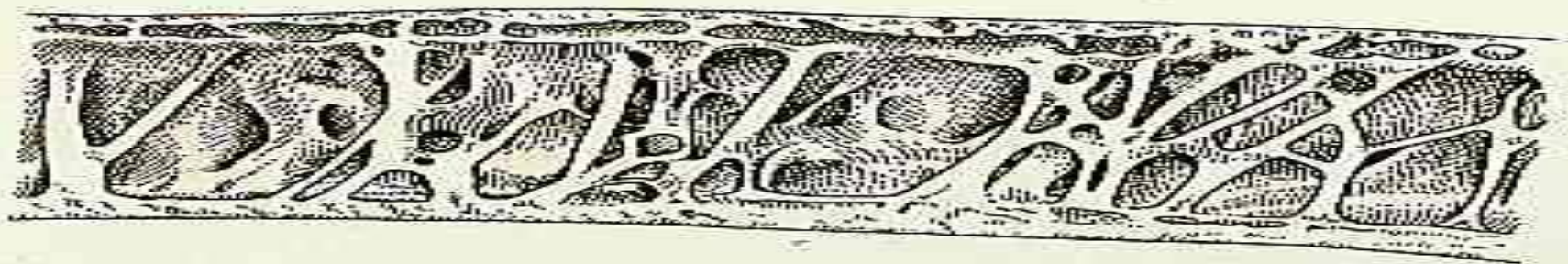
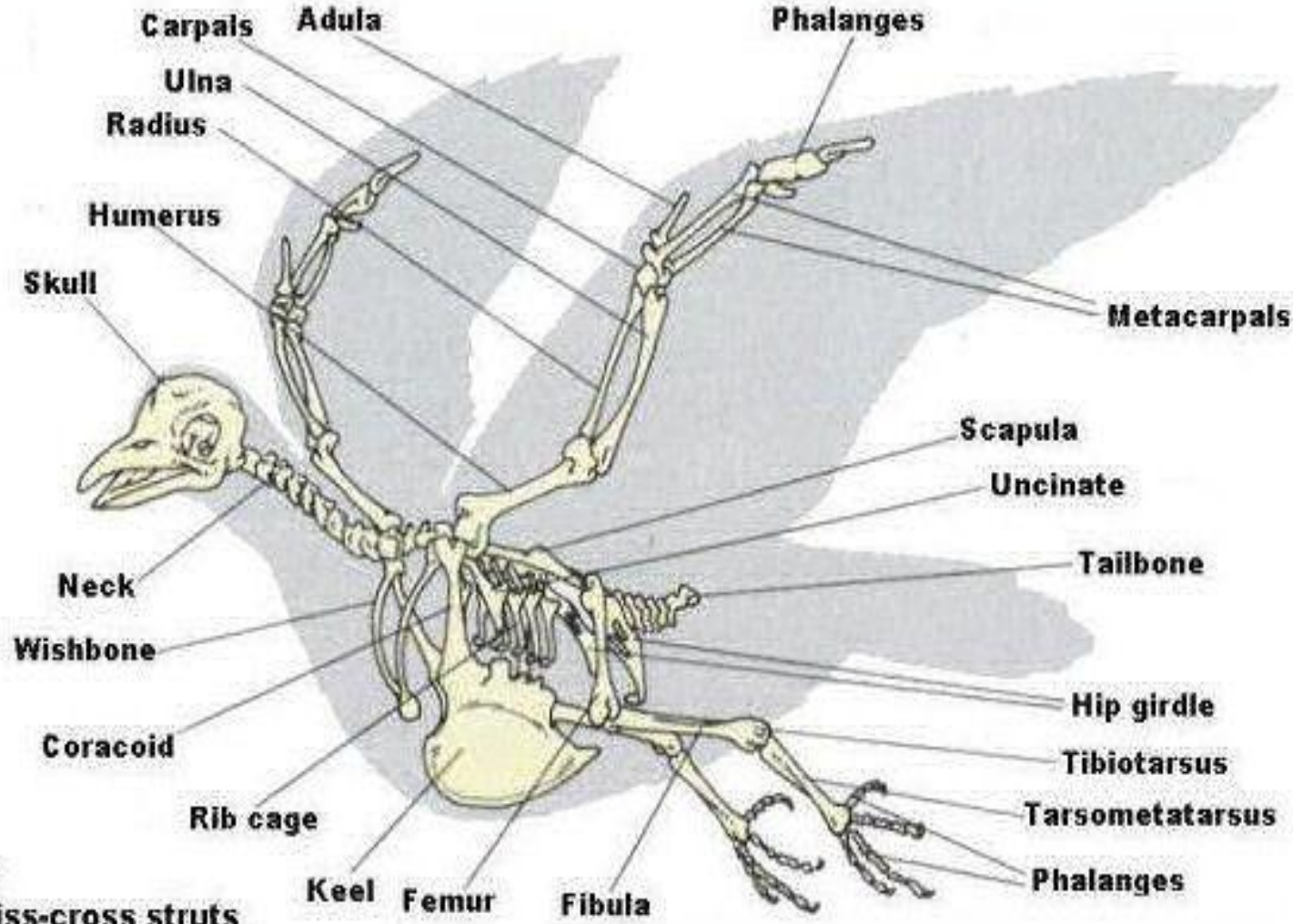
UCCELLO

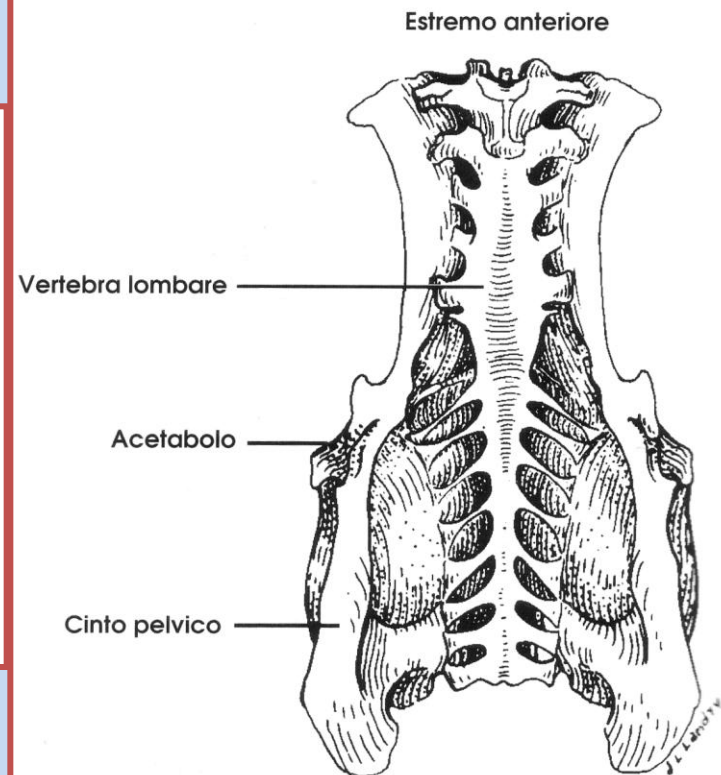
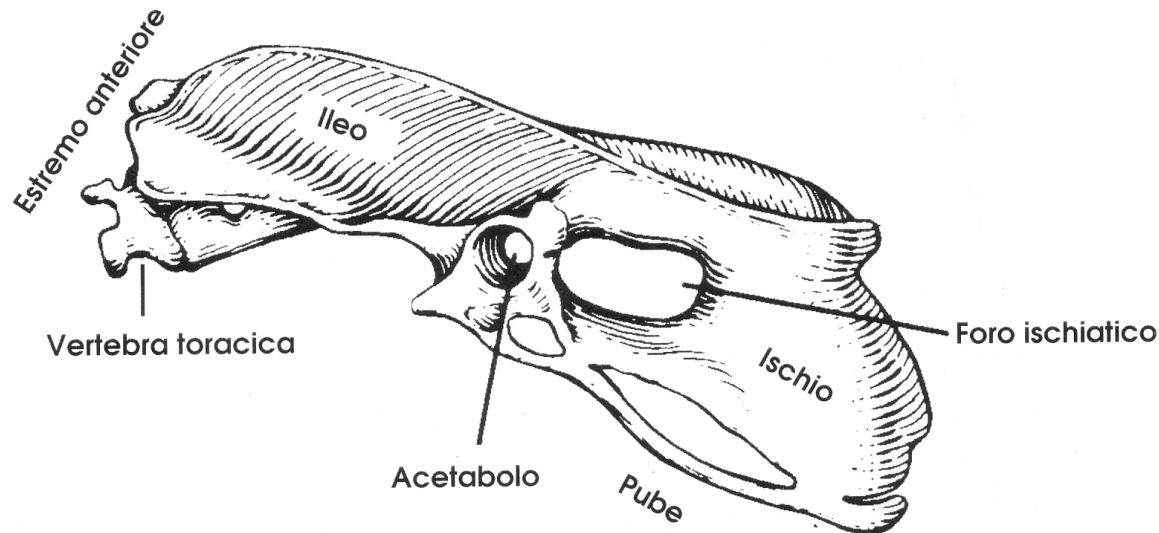
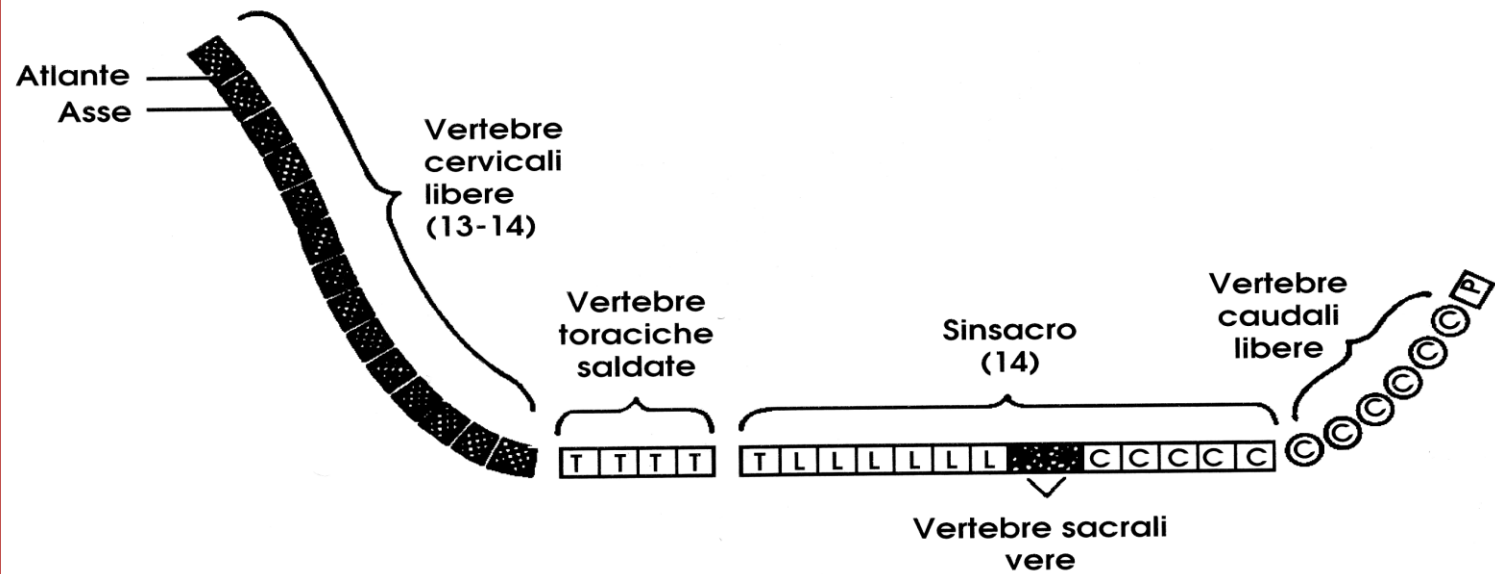






A typical bone hollow with criss-cross struts





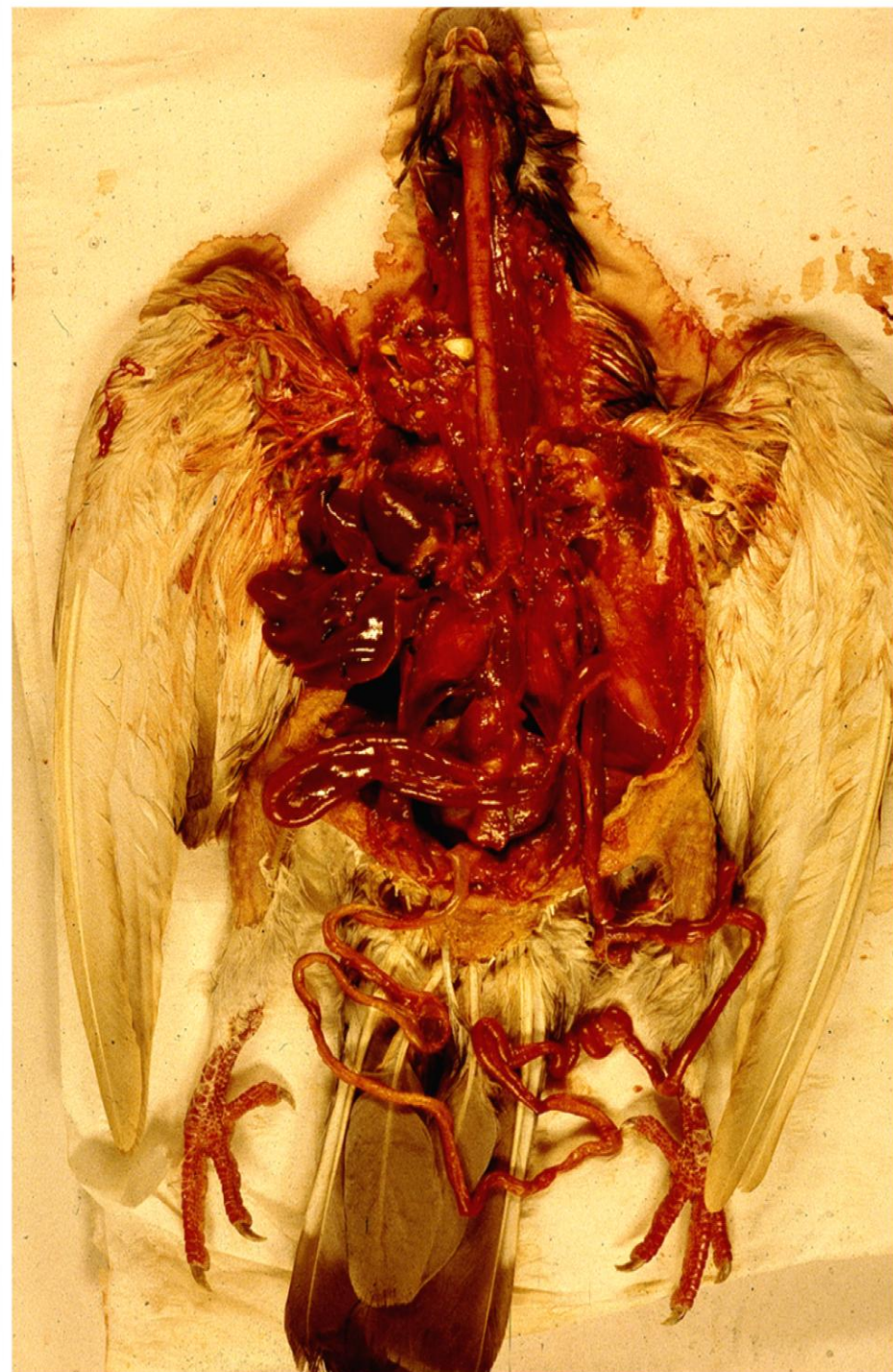
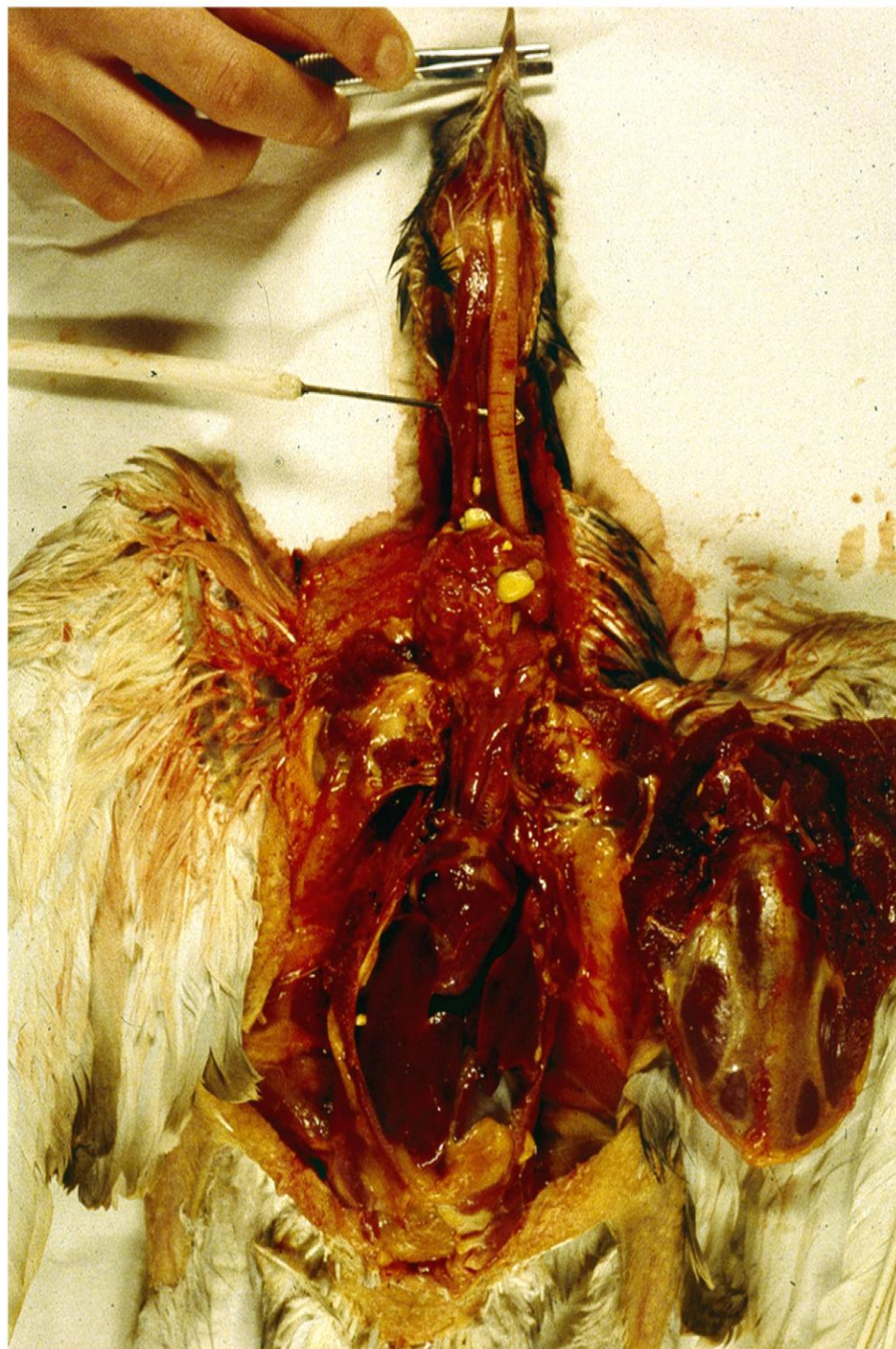
**Toothed beak  
(reptilian  
character)**

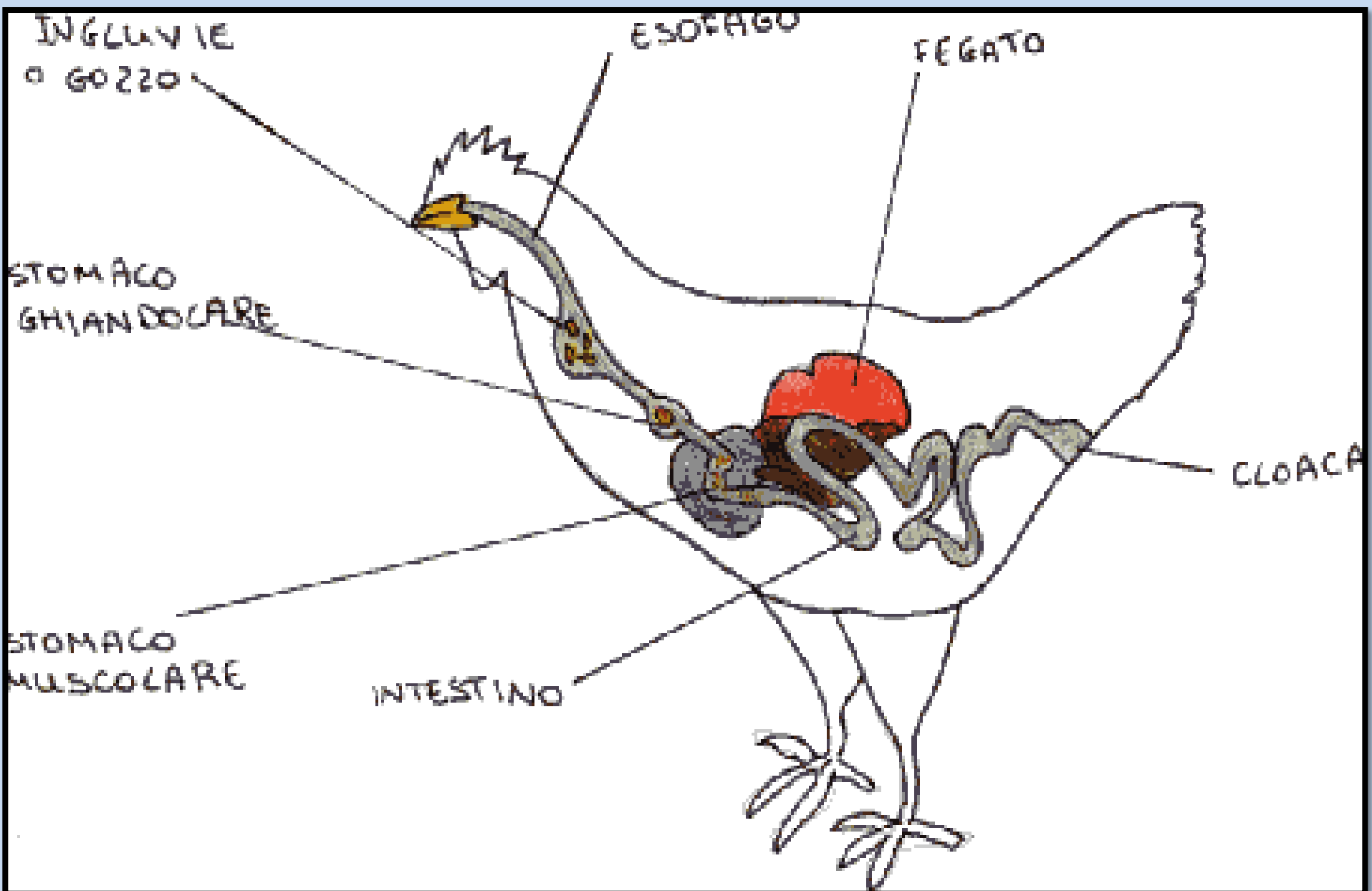
**Wing claw  
(reptilian character)**

**Airfoil wing  
with contour  
feathers  
(avian character)**

**Long tail with  
many vertebrae  
(reptilian character)**









# Bird Circulatory System

