

# Feather Types



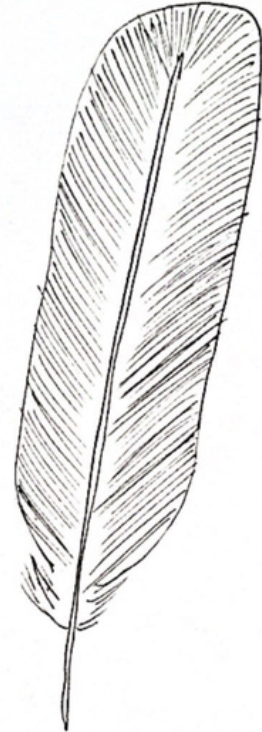
**Wing/Flight  
Feather**



**Down  
Feather**



**Tail  
Feather**



**Contour  
Feather**



**Semiplume**

**Bristle  
Feather**



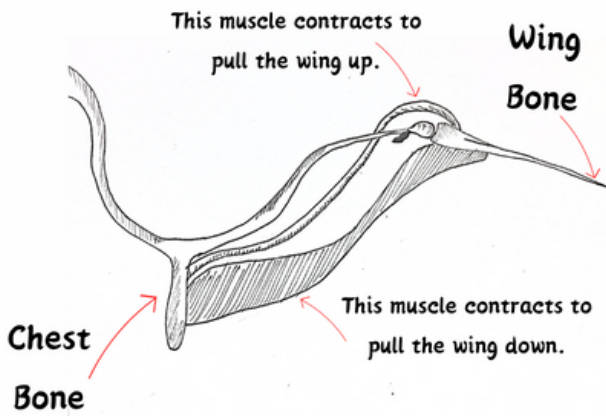
**Filoplume  
Feather**



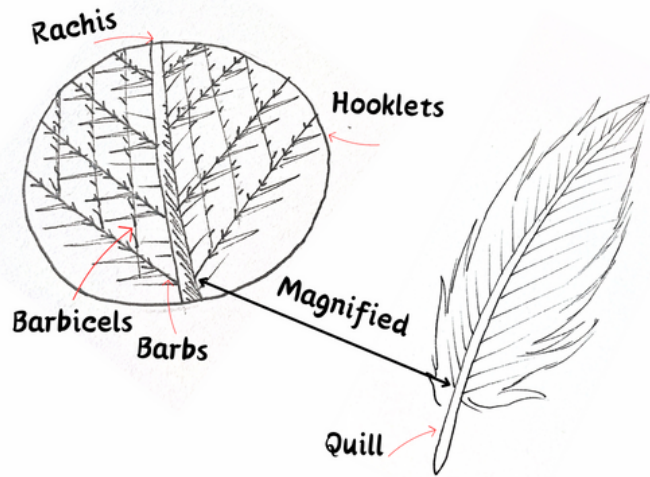
# How Birds Fly



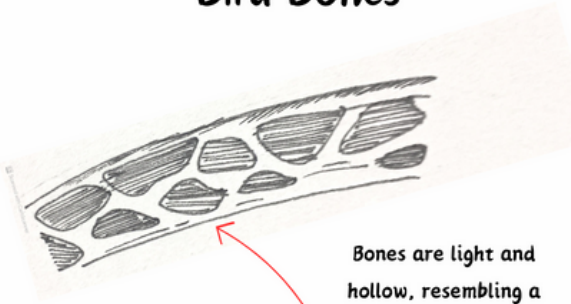
## Wing Bones



## Feather Structure



## Bird Bones

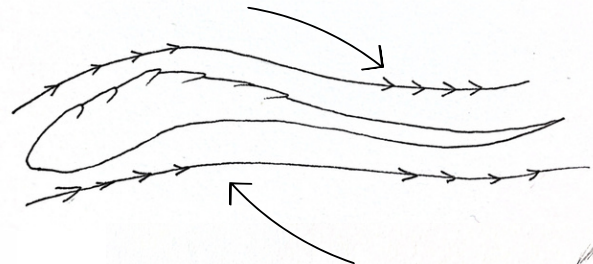


Bones are light and hollow, resembling a honeycomb structure inside. These bones are very strong.

Feathers are strong, light, and flexible. The barbs lock together to form a flat surface to push against the air.

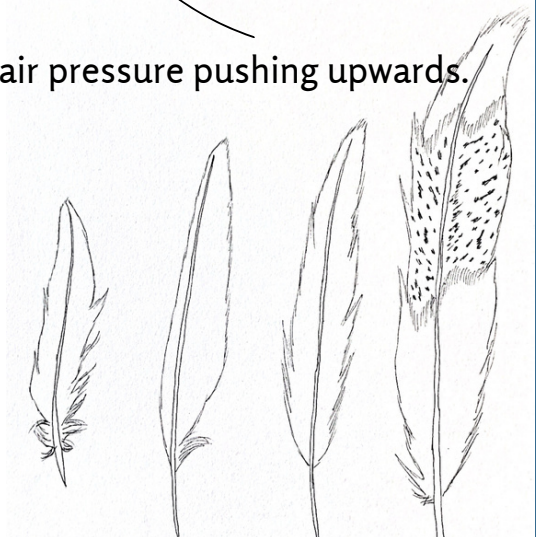
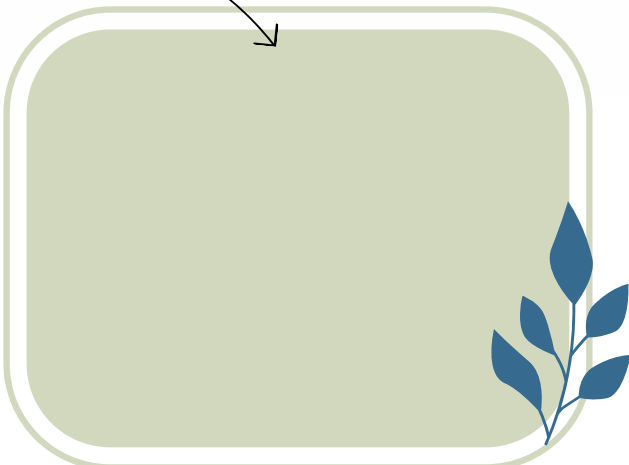
## The Aerofoil Effect: How Birds Fly

Low air pressure pushing downwards.



High air pressure pushing upwards.

Your observation...



# Wing Elements

## Wing Skeleton

