

STRUCTURES & FUNCTION

- Organisms often need SPECIAL STRUCTURES/FUNCTIONS (AS IN BODY PARTS) TO DO SPECIFIC TASKS

EX: ^{TOES} TEETH
THUMBS

ALL ORGANISMS PERFORM SPECIFIC FUNCTIONS TO STAY ALIVE. THEY USE THEIR SPECIFIC STRUCTURES TO DO THAT TASK.

RESPONDS TO
ENVIRONMENT/
ADAPTATION

EX: food gathering
Movement

Different structures for similar functions → MOVEMENT

→ BIRDS = WINGS

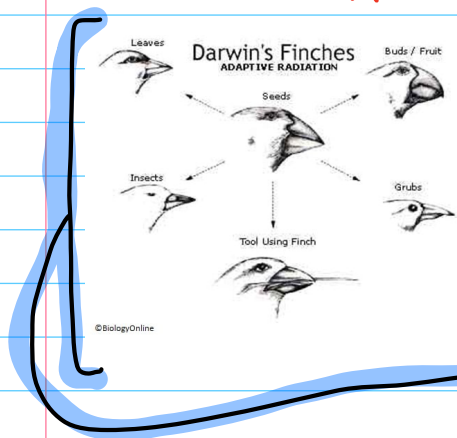
→ FISH = FINS

→ PLATYPUS = WEBBED FEET

→ HUMANS = LEGS

STRUCTURES CAN BE VERY DIFFERENT ACROSS DIFF ANIMALS BUT DO A SIMILAR JOB → **VARIATION** →

A SLIGHT CHANGE IN STRUCTURE THAT OCCURS IN ORGANISMS → OFTEN EASY TO SEE IN ISLAND ANIMALS

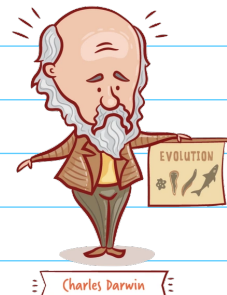


PARROT-LIKE.
TREE BASED
FRUIT.



✓ FOR INSECTS
IN BARK

✓ SEEDS & NUTS.
GROUND BASED.



DEVELOPED THEORY OF **NATURAL SELECTION**



PUBLISHED IN THIS
BOOK IN 1859

"POPULATIONS ADAPT TO THEIR ENVIRONMENT IN DIFFERENT WAYS. SOME INDIVIDUALS HAVE TRAITS BETTER SUITED TO THAT ENVIRONMENT THAN OTHERS."