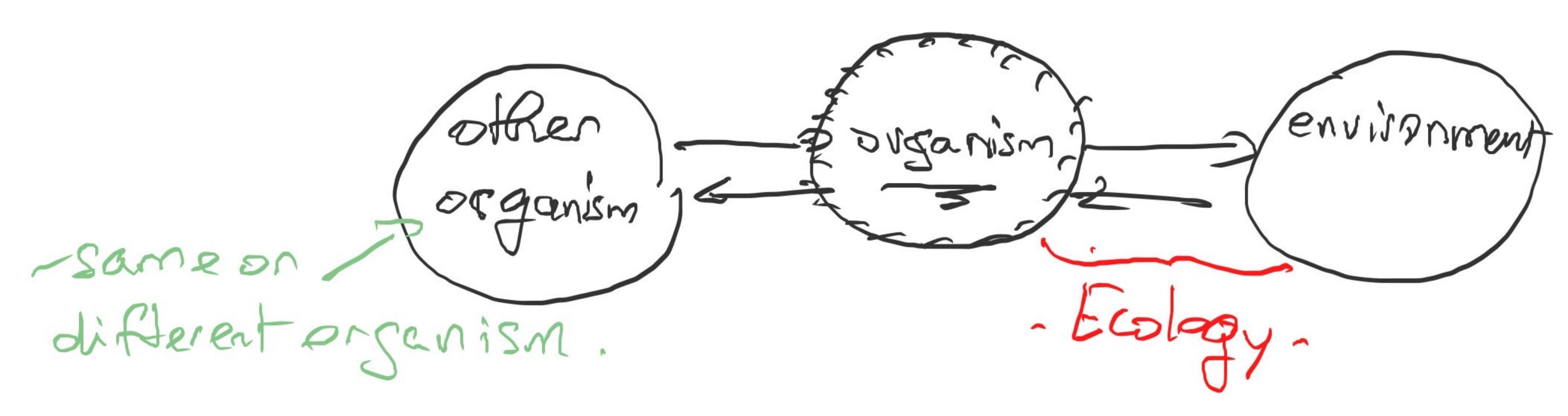
## => Natural selection:

= Survived of the Fittest.

Interdependence of organism:



(Reproduction)

Reproduction

Flower POLLINATION

Bee

OR6ANIS17 NUTRIENTS (E2, N2, C2--) WATER E ENVIRONHENT => The stability of the environment is ESSENTIAL on the healthy Runch'orning NEED: ENERGY From the SUN; DIRECTLY,

use the sun. PHOTOSYNTHESIS: Photosynthesis - wastrior or and transformat Some organisms come going to use it. 1st kep: capture the photons (energy puckage from the sun) 2 ndsky: transform photon -> chemical emergy = ) form that can be utilized by the organism. 5 LIGHT 5 6 6 6 02 6 (02 + 6 Hz0 = oxygen

"Plant" - Autotrophs: (Auto-himself)
= organisms able to make their own food. \_\_ > Phototrophe; = vse solar energy (photosynt.) to get energy. 2) Chemotrophs: = use of & chemical processes to get energy-Heterotrophs: = must take in food to meet their energy needs. Ex; herbivores, carnivores or both omnivores. = most have an organization - Complex chemicals broken down and reassembled into chemicals.

"Scientific method" (STEP HI): Observations: five senses le per ceive objects or event. -> As king a question: 100 more questions are gennerted. (STEP #2). HYPOTHESIS: A stustement is testable widences can be vollected. (A) Refined it hypolheois after rensedit tosting it. Elis ared it EXPERINENTING: Test the hypothesis.

= Buse on a companison of a control of withe	
an experimental group.	
CONTROL EXPERIMENTAL GROUP	
variable: X, Y, Z  sane (Z + 2) Sane Z (Z)	
Both groups are identical except for one factor  (= independent variable).	
(= indépendent vanable).	
Ex; testing v.v light on frogs: v.v. light exposure him  Ex;	1
- Factors - Control Groups  a) o type of frog. guen frog green frog Green frog Esant  b) # of eggs 100.  100 Esant  15 days Expendent  25°C 25°C 25°C 24 days Evanicable	

MEASURING: quantitatie data: Numbers qualitatrie data: Test 7000 = technique to use a small part of population to represent the Sampling: entire population. DATA: involves placing observations and measurement (data), Ahs orbance

Anakyzing of alata: DATA -> reliable your no. =) support hypotheois yes or no? => BASED ON FACTS STEP#5: LONCLUSSON MADE BASED ON YOUR DATA & should support your hypothesis-Should be re-testable. (STEP#b: COMMUNICATION) = share my results. \* publish my duta in journal (pecr-varience)

\* present in suichhitic meeting.

\* = UNBIASED. -> PUBLISH = 100% SOLIO.