ALTRUISM (परोपकारिता)

2004 June 22 Tuesday Wk-26 174-192

→ Feeling and behavior that show a desire to help other people and a lack of selfishness.

→ Altruism derives from the French word autrui, meaning "other people".

→ Helping behavior b/w social group
→ Increases the fitness level of other individual.
Ex - Group living birds (Primates) Mammals.

Vervet Monkey → gives alarm calls to warn fellow monkey about the presence of predature.
- Snake
- eagle

→ Altruism does not support darwin Natural Selection.

→ One's own fitness is sacrificed to increase the personal fitness of other individuals.

→ In a colony all the related animals live, the sterile castes by helping related animals are helping in prepetuation of some part of their own genes through their kins which is an extreme form of altruism.

JULY S M T W T F S Appointments

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Reciprocal altruism

23 June 2004
Wednesday
Wk 26 175-191

At different times two or more unrelated individuals trade altruistic acts called reciprocal altruism.

This is equivalent to tit for tat theory. (जैसे को तैसा)

Ex - ① Warning Calls in Birds
② Nest Protecting :- red winged blackbird males help in protecting neighbor's nest.
③ Primates :- example in vervet monkey, they used to give alarming calls after viewing a predator.

A man performs an altruistic act of jumping into the water to save a drowning individual with a promise that other individuals will do the same under similar circumstances.

In a pride of lions, females take care and nurse the young ones.

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