

Concept 3.2

Experiments show that both genes and environment affect behavior.

Nature versus Nurture

- behavior is due either to genes (nature) or to environmental influences (nurture)

Innate behaviors

- a behavior that is performed correctly by all individuals of a species, even if they have no previous experience with the behavior.

Fixed action pattern (FAP)

- an innate behavior that occurs as an unchangeable sequence of actions. From beginning to end.

Rhythms of Behavior

-programmed behavior with environmental influences is the ability of many animals to synchronize their activity with their environment.

(diurnal - active in daytime)

(nocturnal - active at night)

Circadian rhythm

-controlled by an organisms internal “biological clock”