

Biology Concepts 113 Effects of Behaviors

Behavior	Example	Advantage	Disadvantage
Migration			
Pheromone communication			
Nurturing			

Animals that migrate increase their chance of survival by moving to a location that has better climate conditions and more food.

Pheromones provide a species-specific form of communication, which works without alerting predators.

Nurturing increases an offspring's chance of survival. Genes of the parents continue to be present in future generations.

A large amount of energy is needed to move long distances and there is the possibility of increased predation while moving.

Pheromones have a more limited range of communication than auditory or visual cues.

Parents spend increased amounts of energy on caring for offspring, possibly at the cost of the parents' health or safety.