



Animal Behavior

Four approaches to animal
Behavior Proximate and Ultimate
Causes Anthropomorphism
Learning



Animal Behavior

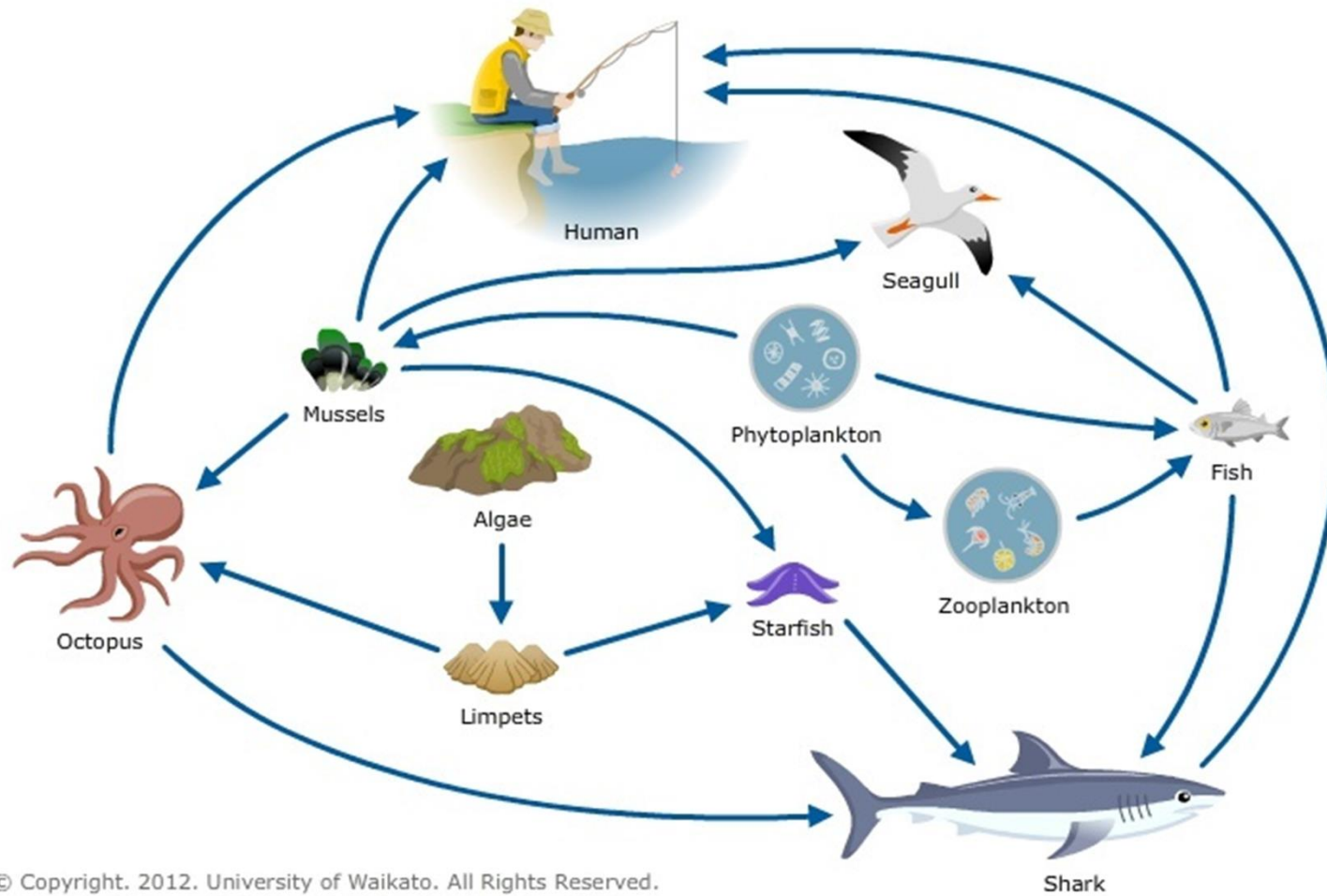
- ✓ The activities performed by animals during their lifetime is called animal behavior.

These activities include>

- 1.Locomotion
- 2.capture for pray
- 3.Feeding
- 4.Avoidance to predator
- 5.Breeding
6. Social Behavior



➤ Animal Behavior



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❖ Four approaches to animal Behavior

- ▶ These are;
 - 1.Comparative psychology
 - 2.Ethology
 - 3.Behavior ecology
 4. Sociobiology



1.Comparative Psychology

Comparative Psychology

Comparative psychology is the branch of psychology concerned with the study of animal behavior. The study of animal behavior can lead to a deeper and broader understanding of human psychology.



Example of Comparative Psychology

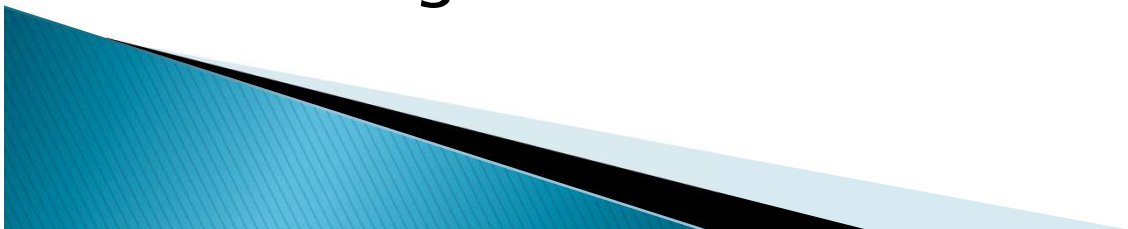
- Dolphin due to their higher intelligence is used in comparative psychology.

2.Ethology:

> Study of animal behavior on the basis of evolution and natural environment is called ethology.

Ethology is a broad subject and includes study of how;

1. Animal communication with each other.
2. Animal compete and cooperate during feeding



✓ Ethology

Ethology

Scientific study of animal behavior

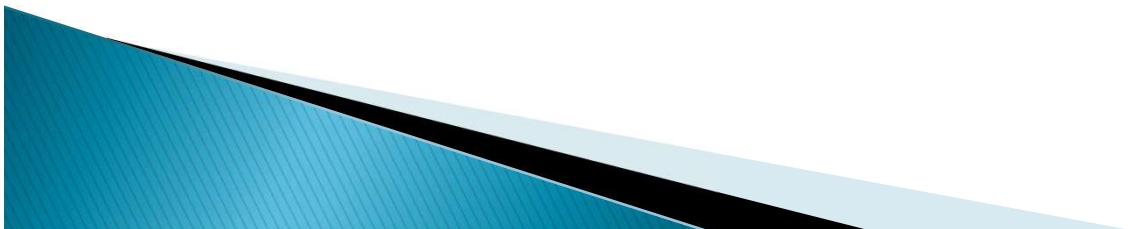


Behavior Ecology

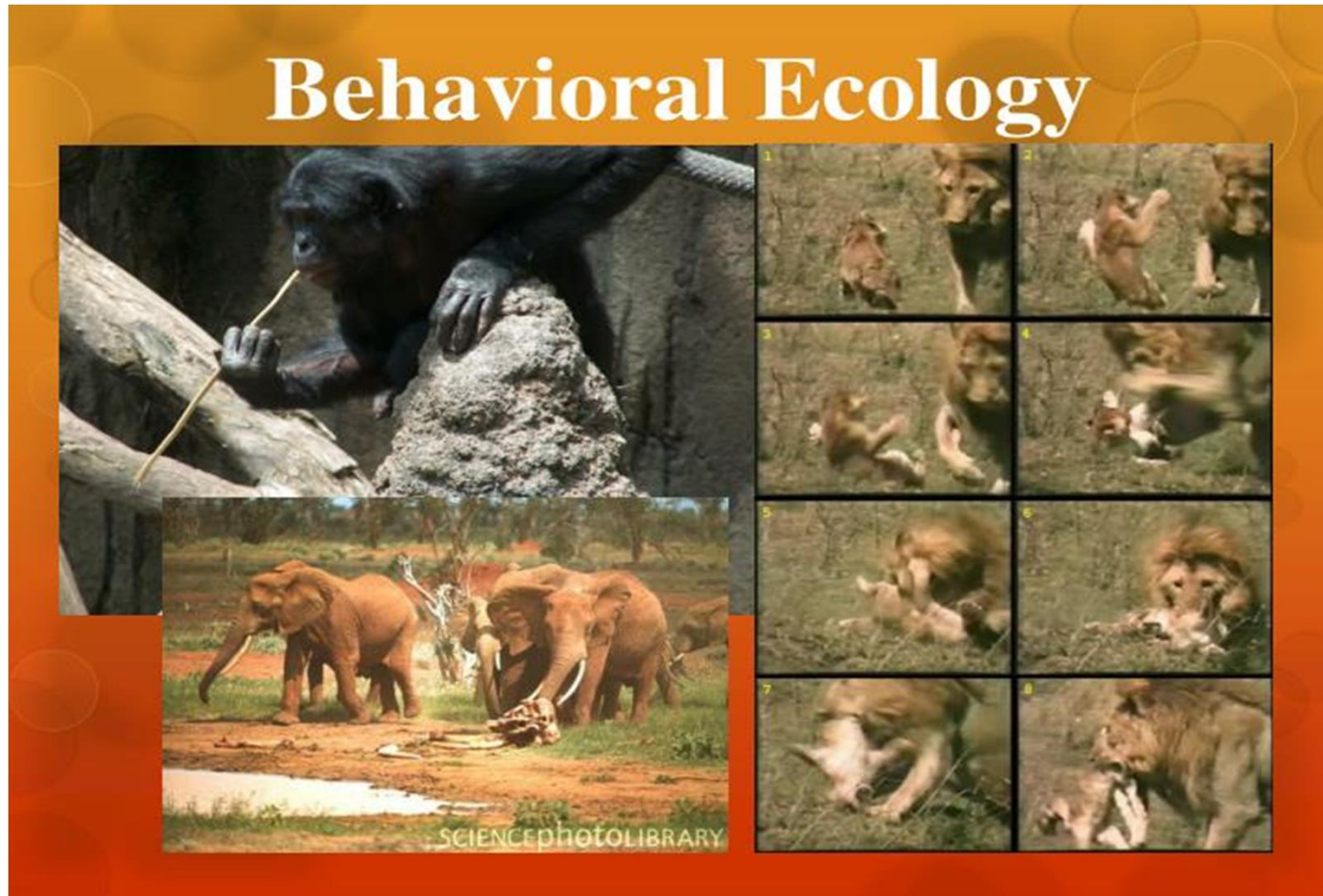
- ▶ How Social influence determines natural selection.
 - The science of how a species interact with other animal or environment

Ecologist studies;

1. predator–prey interactions
2. Foraging strategies
3. Reproductive strategies
4. Habitat selection
5. Social behavior



✓ Behavior ecology



✓ Sociobiology

- ▶ Systematic study of biological basis of social behavior is called sociobiology.
 1. It combines many aspects of ethology and behavioral ecology.
 2. Sociobiologists emphasize the importance of natural selection.

