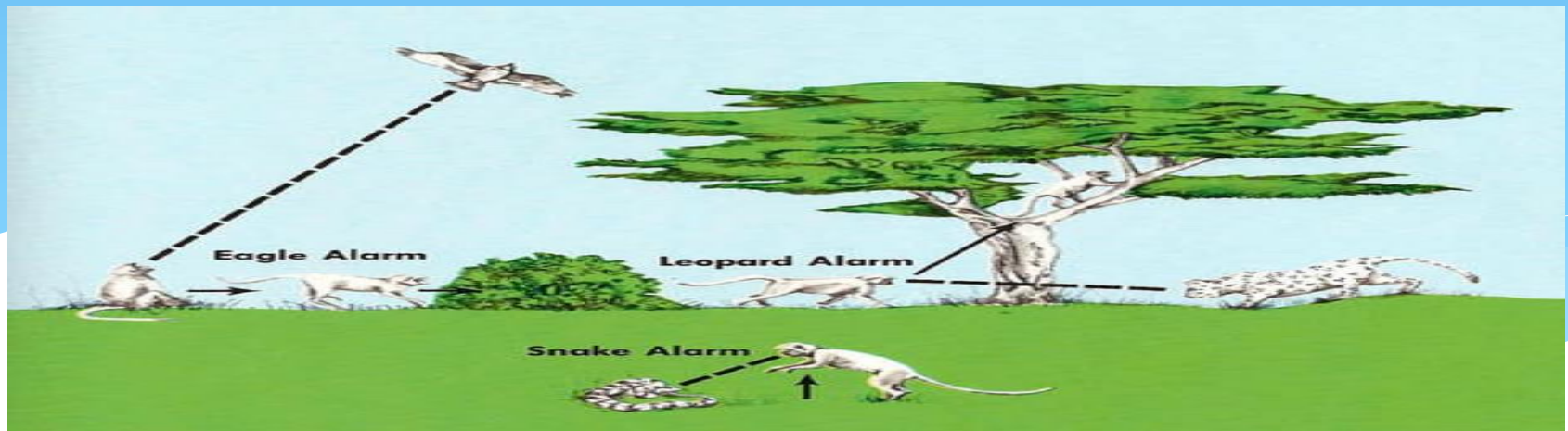




Animal Communication





what is communication?

Communication is when one animal transmits information to another animal causing some kind of change in the animal that gets the information.

communication

Communication is usually between animals of a single species, but it can also happen between two animals of different species. Animals communicate using signals, which can include visual; auditory, or sound-based; chemical, involving pheromones; or tactile, touch-based, cues. Communication behaviors can help animals find mates, establish dominance, defend territory, coordinate group behavior, and care for young.

What is communication used for ??

○ Obtaining mates

○ Establishing

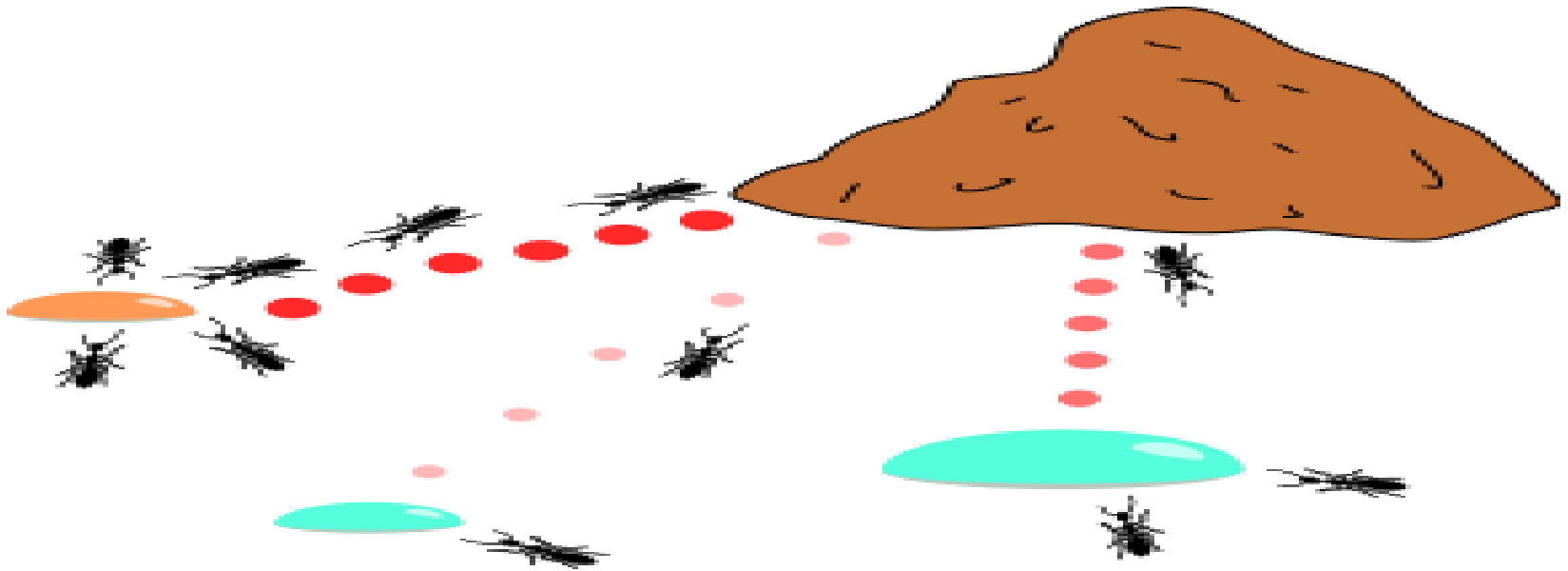
○ Coordinating

○ Caring for young

What is signal mean

Signals are actions or anatomical structures whose primary function is the provision of information to another animal. However, not all actions by one animal that provide information to another animal qualify as signals.

common types of signals:



pheromone trails laid down by ants



Auditory signals



Visual signals



Tactile signals—touch

Mechanism of communication

An animal that provides a signal is called a sender. The animal to which the signal is directed is the receiver. The receiver uses the signal information to help make a decision

Some shapes of communication



White Rhinos Speak via Dung

Some shapes of communication



Sperm Whales Click

Some shapes of communication



Chimpanzees Scratch Each Other

Some shapes of communication



Tap-Dancing Blue-Capped Cordon Bleu

Some shapes of communication



Warbling Antbirds Sing Off-Time

Some shapes of communication



Coral Groupers Team Up For Hunts

Some shapes of communication



Dancing Bees, Well, Dance

Some shapes of communication




Caterpillars Send Out Decoy Distress Calls to Ants

How the parrot got its chat (and its dance moves)



Let's dance





Interestingly, the authors also note that humans and parrots belong to another select set of animals – those that synchronise body movements to the rhythms of beats while listening to music. That is, unlike almost every other animal in the world, parrots and humans spontaneously dance (strangely enough, that group also includes elephants which have also demonstrated an ability to [move along with music](#)).

Submitted By

Aya Saad Mohammed Ibrahim

Zoology Department

Zoology - chemistry Group

Faculty of Science

Damietta University

supervisor

Prof.Dr.Mohammed Bahnasawy

2021



Thank You