## Chapter 7 Animal Behavior

B. Territorial behavior

## Section 1 Types of Behavior

A. Behavior—the way an organism environment	with other organisms and its
	tain behaviors, and they learn others. onment that causes a(n)
from the brain  2. Instinct— pattern know how to spin a web on the fire	rganism is born with nse that does not involve a message of innate behavior (For example, spiders st try.), while instinctive behaviors might
C. Learned behavior develops during an or practice.	
1. In changing	ms a(n) attachment to tching ior modified by br is modified so that a response to one
Section 2 Behavioral Interactions	
A. Social behavior—interactions among an antiquent of the second	g, caring for the young, claiming getting food of the same species living and working

A territory is an area that an animal	from other members
of the same species.	
2. Territories contain food,, and po	tential mates.
<ol><li>Defending territory from members of the same  behavior.</li></ol>	species is a(n)
a. Aggression is a forceful behavior used t	o or
control another animal.	
b. Submission—animals might show subm	issive behavior to avoid
, to avoid being injured, or t	
animal is dominant.	
C is an action by a sender that in	fluences the behavior of
a receiver.	
One type of communication, courtship behavio	r, is performed before
2. Chemical communication uses produced by one animal that influence the behavior	, which are chemicals
produced by one animal that influence the behavi	or of another animal of
the same species.	
3. Sound communication is used by	and many insects.
4. Light Communication	
a. Certain kinds of flies, organ	
a special form of communication called bio	luminescence.
<ul> <li>b. Bioluminescence may be used to lure p</li> </ul>	rey, escape predators, or
serve as marks of	
D. Cyclic behavior is an innate behavior that occurs in a	repeating,
often in response to changes in the environment.	
Circadian rhythm—behavior based on a(n)	
a. Animals that are active during the day a	re
b. Animals that are active at night are	·
2. Hibernation is a cyclic response to to	emperatures and limited
food supplies.	era a
a. An animal in hibernation remains inactiv	e until the weather
becomes in the spring.	lana atlaina mata
b. Body response—body temperature and	_
c. Some mammals and many amphibians	and
hibernate.	
3. Estivation	hibarnation
<ul><li>a. State of activity similar to</li><li>b animals sometimes estivat</li></ul>	nibernation
	e due to lack of 1000 of
periods of drought.	oment of animals
4. Migration is the instinctive mov	
a. Many birds and move to r	iew locations when the
seasons change.	

b. Most animals	that migrate do so in order to find food or to
	in an environment that is more favorable for the
survival of its off	spring.