

# Sounds

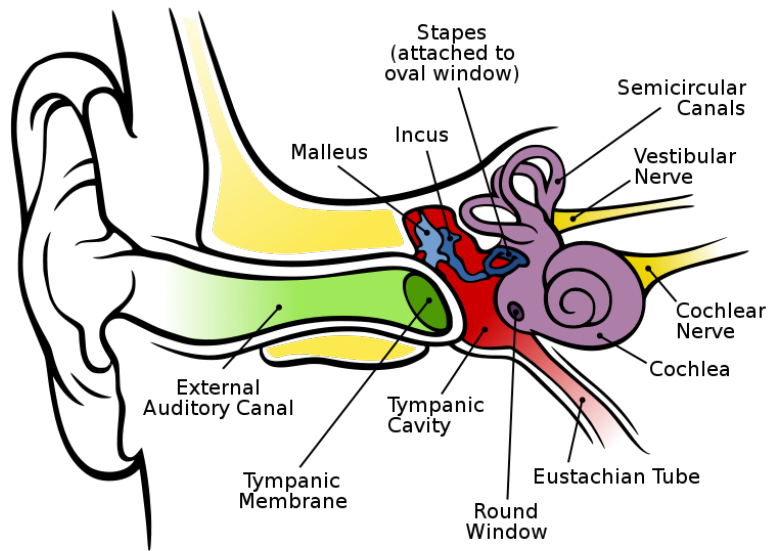


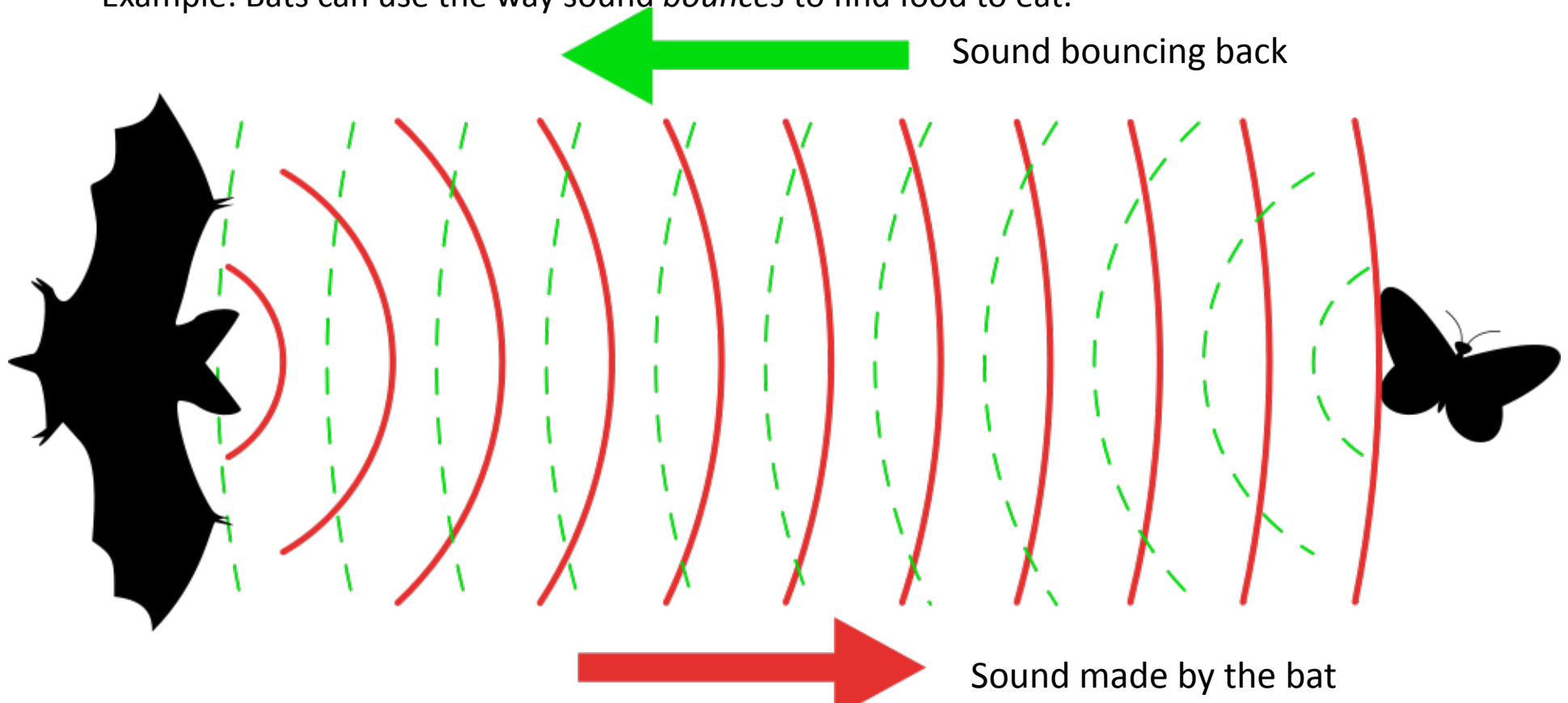
Illustration: A diagram of the anatomy of the human ear. February, 2009. ©2009 by Inductiveload in en:wikipedia. Some rights reservedCC-BY-2.0 ([www.creativecommons.org/licenses/by/2.0](http://www.creativecommons.org/licenses/by/2.0)).

Photo: F/A-18F Super Hornet breaking the sound barrier. Taken by U.S. Navy photo by Photographer's Mate 3rd Class Jonathan Chandler. Released into public domain by the United States Navy.

# Bounce (bounce)

Definition: When a ball bounces, it hits a surface and then immediately moves away from the surface.

Example: Bats can use the way sound *bounces* to find food to eat.



# Decibel

(dec·i·bel)

Definition: The unit in which sound is measured.

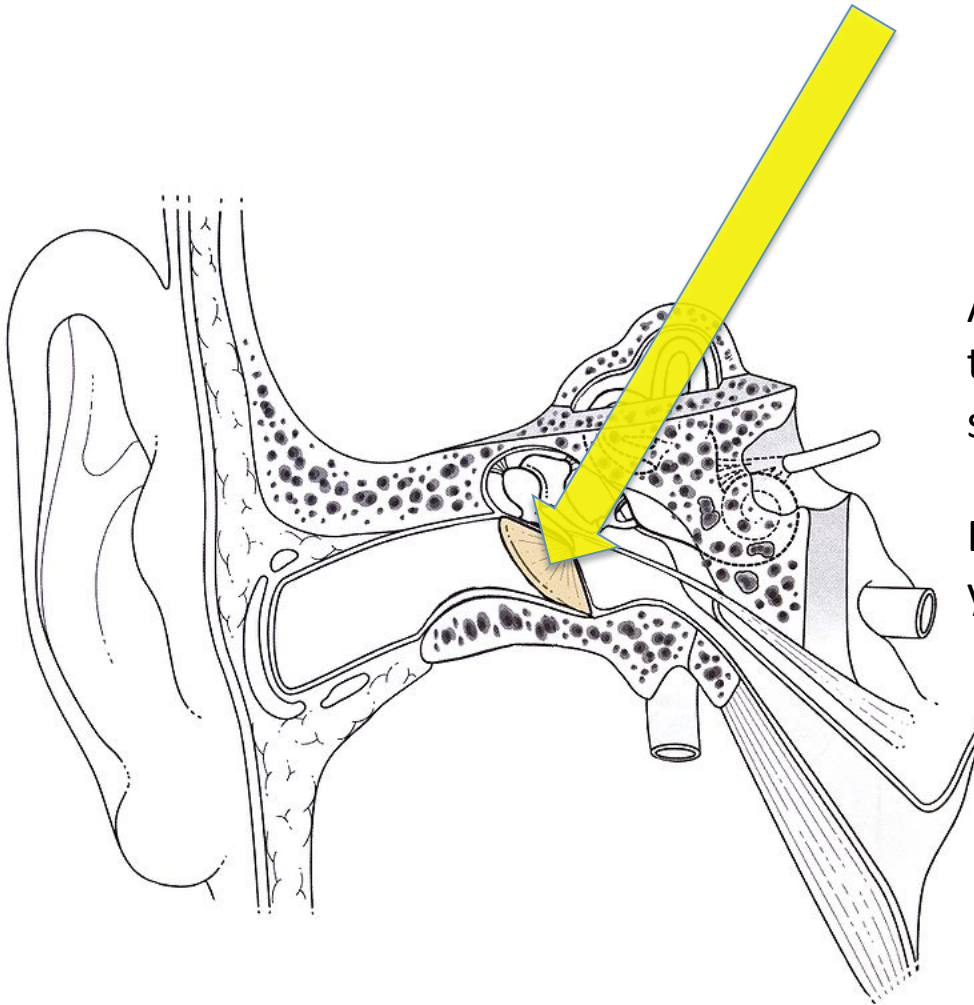
Example: The sound of a jet engine can be 150 *decibels*, more than 3 time louder than the sound of people talking.



Photo: A spectator protects his ears as a F/A 18F Super Hornet performs at the 2008 Wings of Freedom Air Show at Naval Air Station in Jacksonville, FL. October, 2008. Taken by U.S. Navy photo by Mass Communication Specialist 1st Class Leah Stiles. Released into public domain by the United States Navy.

# Eardrum

(ear·drum)



A thin, tightly stretched piece of tissue in the ear that vibrates or moves when sound waves hit it

Example: Very loud sounds can tear or rip your *eardrum*.



# Echo

(ec·ho)

Definition: A sound or series of sounds caused by the reflection of sound waves from a surface back to the listener.

Example: Dolphins also use *echoes* to find their food.



Photo: A female bottlenose dolphin performs her daily exercises while her trainer. Kaneohe Bay, HI. April, 2005. Taken by U.S. Navy photo by Journalist 2nd Class Jessica B. Davis. Released into public domain by the United States Navy.



# Softly

(soft·ly)

Definition: A sound, voice, or music that is quiet.

Example: To whisper is to speak *softly*.



# Thunder

(thun·der)

Definition: The booming sound you hear when lightning strikes.

Example: A few seconds after lightning streaks across the sky, we hear the loud boom of the *thunder*.



# Vibrations

(vi·bra·tions)

Definition: A continuous slight shaking movement.

Example: When the bee touched the water, it sent *vibrations* through the water.

