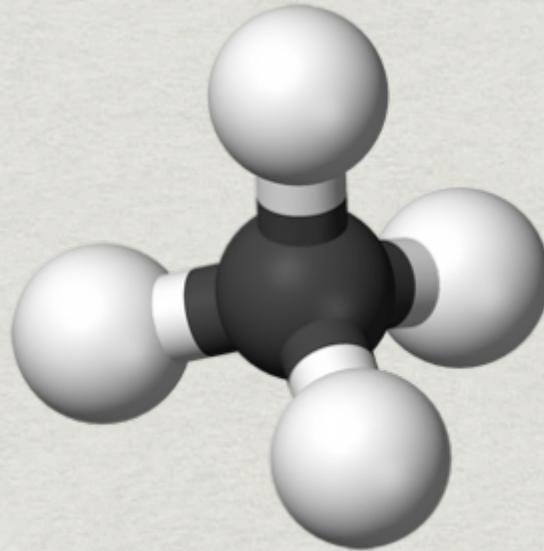


Taxonomy

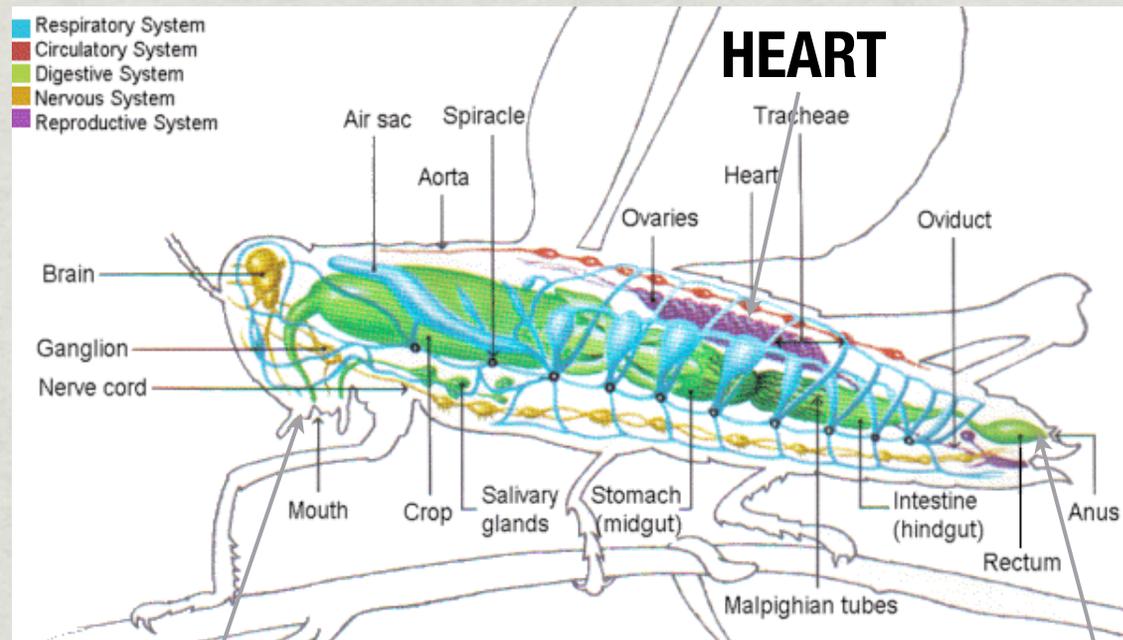
By William B. Amari, Mike Nicolella, Matt Schreiber and Richard Yoeun

ABSTRACT



**DURING THE DISSECTIONS EVERY
ORGANISM IS SIMILAR IS A CERTAIN WAY.**

Dissected A Grasshopper



GIZZARD

ANUS

Dissected An Earth Worm



ANUS



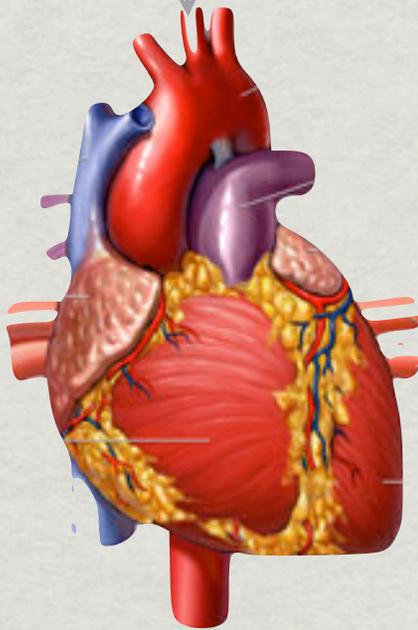
GIZZARD



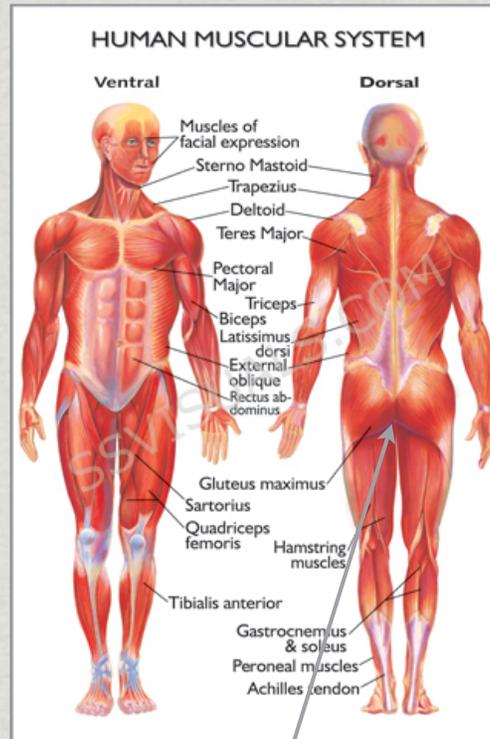
HEARTS

This is human

HEART

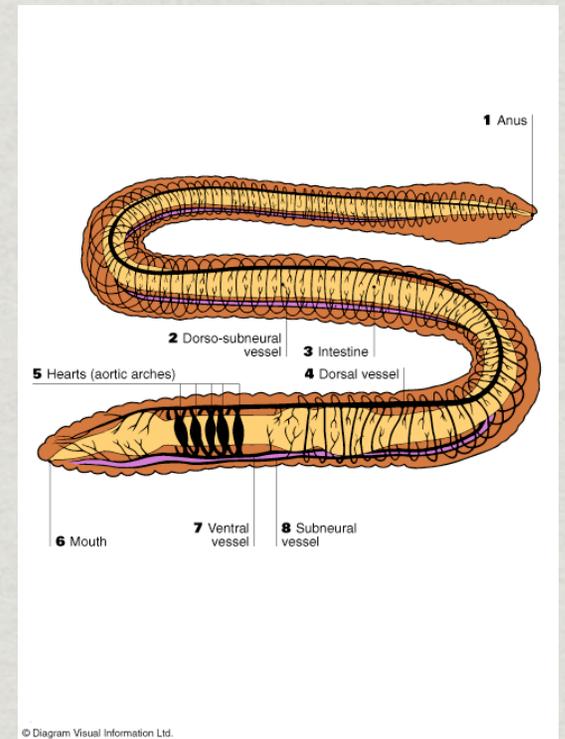
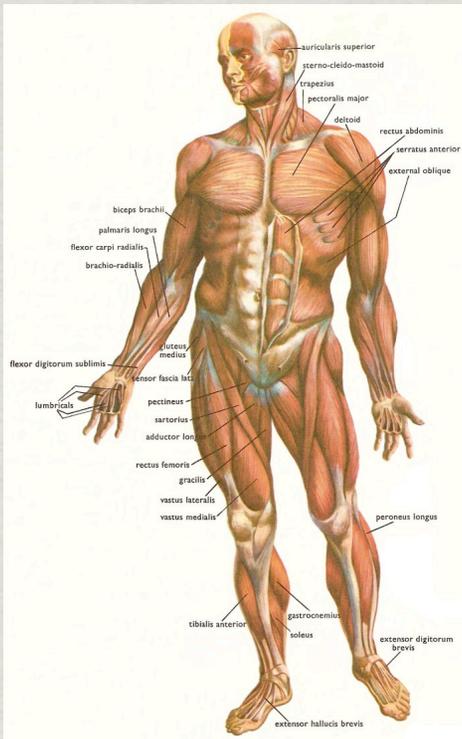


GIZZARD



ANUS

Now Lets Compare



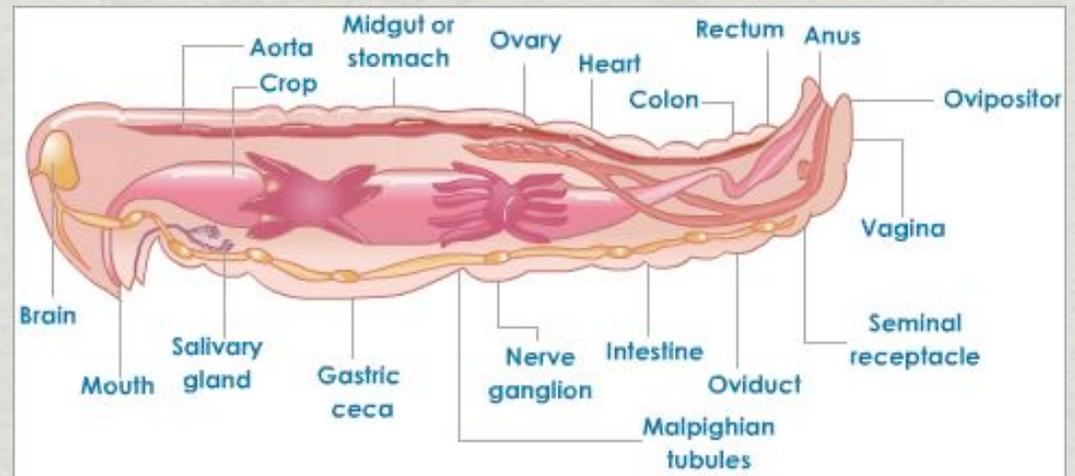
© Diagram Visual Information Ltd.

KINGDOM: ANIMALIA
CLASS: INSECTA
PHYLUM: ARTHROPODA



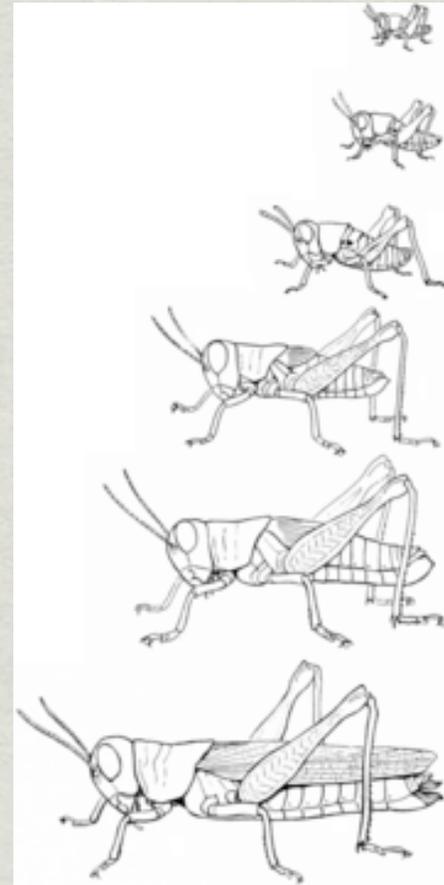
Digestive System

- * Includes a foregut (stomodaeum, the mouth region)
- * A midgut or stomach
- * And hind gut



Reproductive System

- Consists of the gonads
- The ducts which carry sexual products to the exterior
- And accessory glands





Circulation and Respiration



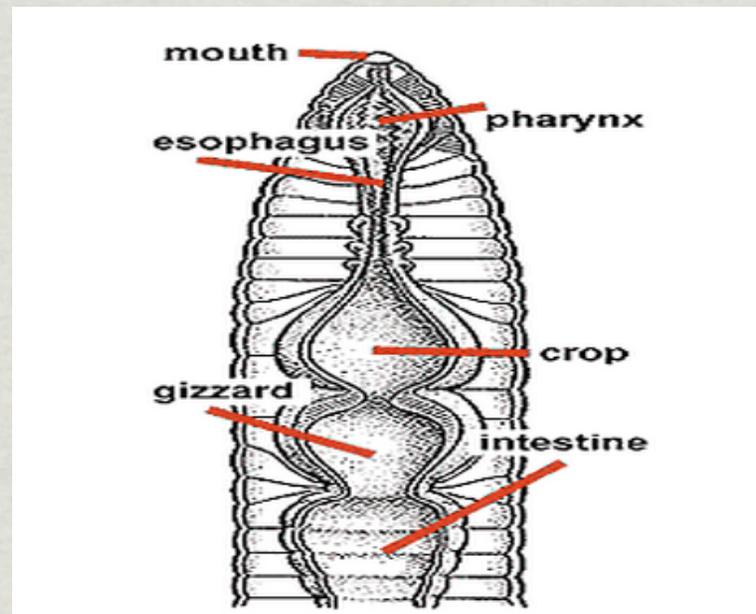
- * Open circulatory systems
- * Most of the body fluid (haemolymph) filling body cavities and appendages
- * One closed organ, the dorsal vessel, extends from the head through the thorax to the hind end

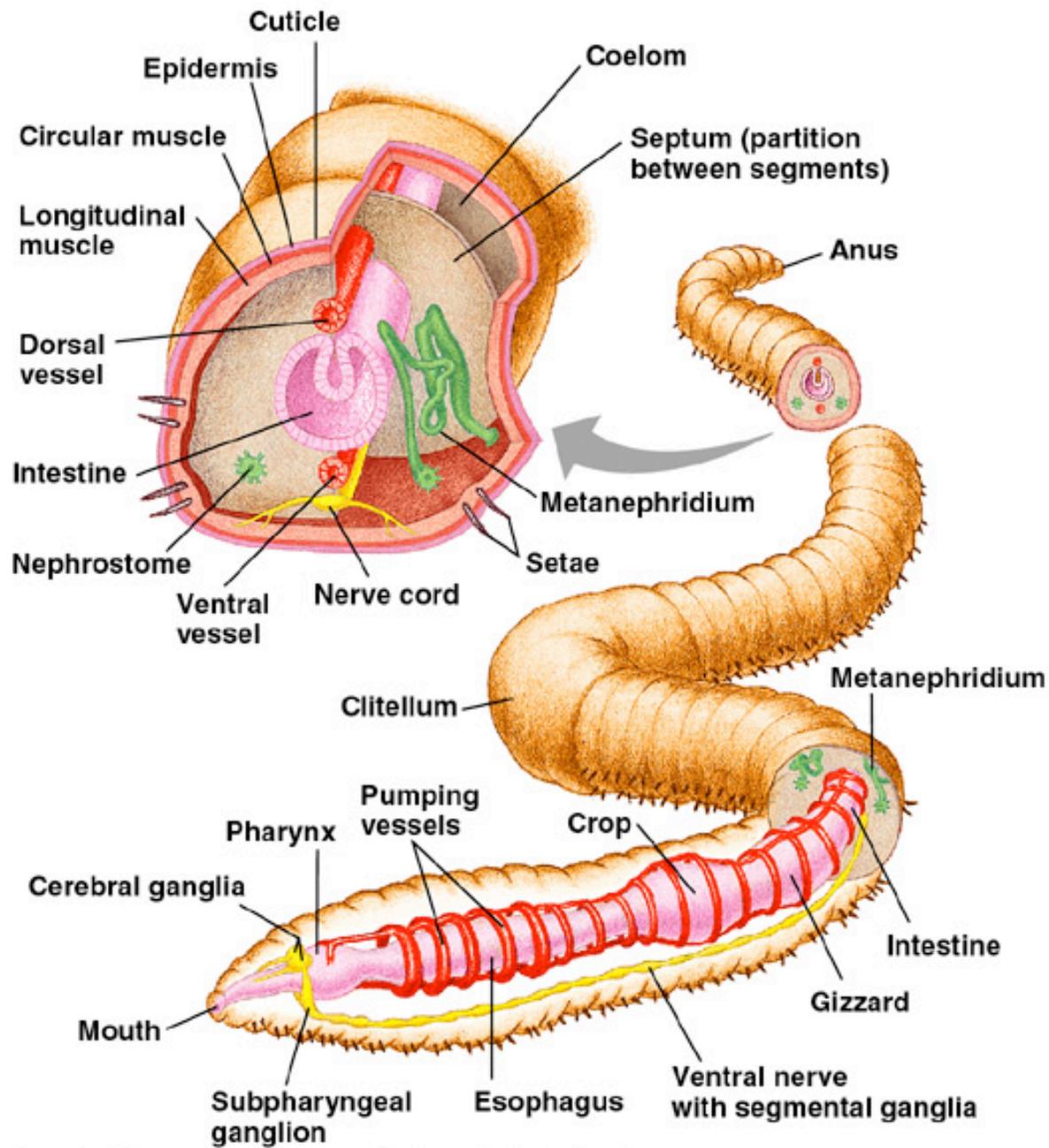
Kingdom: Animalia
Class: Clitellata
Phylum: Annelida



Digestive System

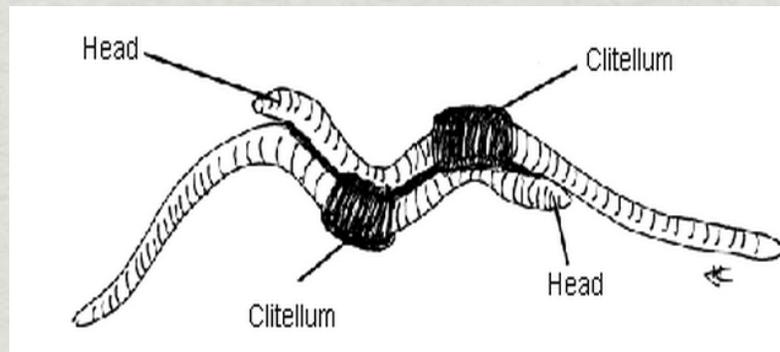
- ✱ Consists of the pharynx, the esophagus, the crop, the intestine and the gizzard





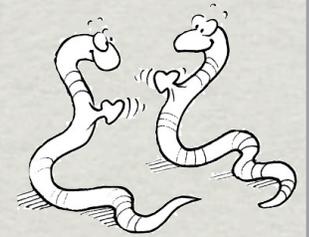
Reproductive System

- * Earthworms are hermaphrodites
- * Contains both male and female sex organs
- * The male and female sex organs can produce sperm and egg respectively in each earthworm
- * During mating, two worms line up inverted from each other so sperm can be exchanged



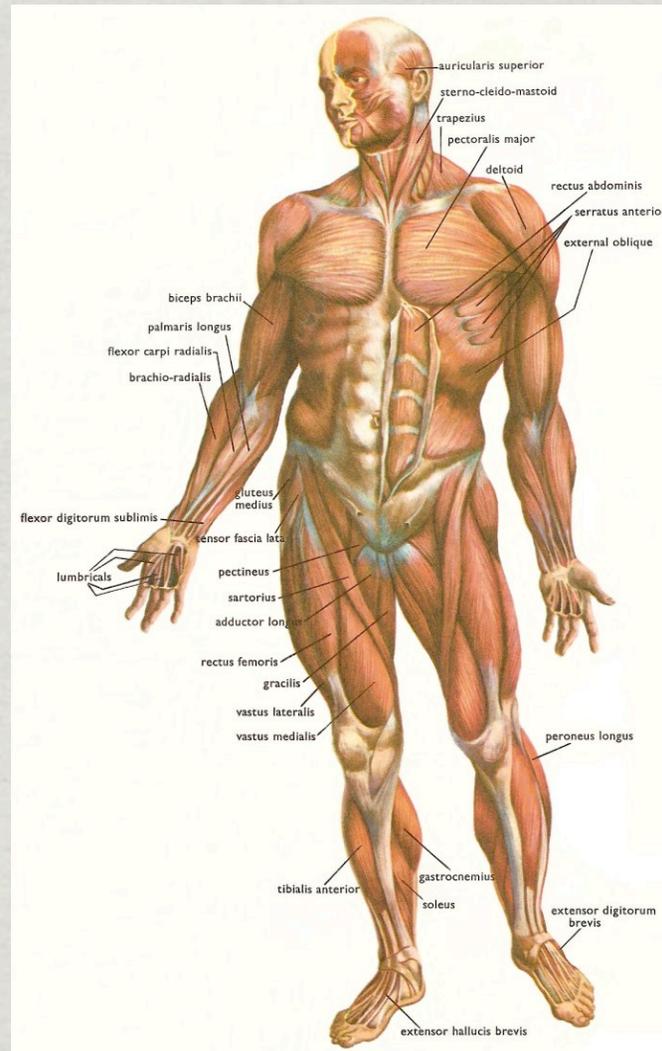


Circulatory System



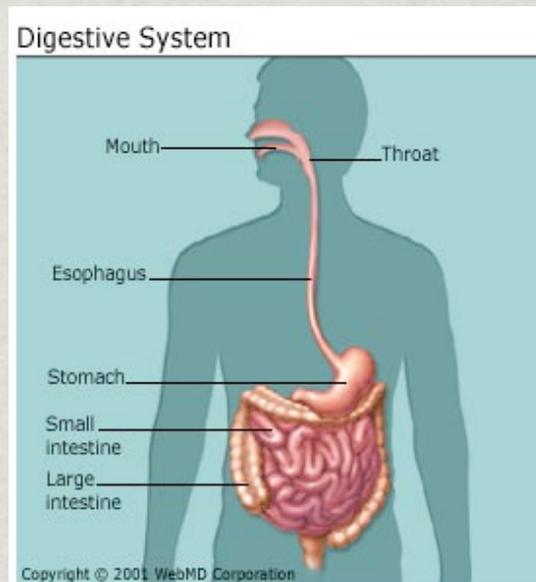
- * An earthworm circulates blood exclusively through vessels
- * There are three main vessels
- * These vessels are the aortic arches, dorsal blood vessels, and ventral blood vessels
- * The aortic arches function like a human heart.
- * There are five pairs of aortic arches

KINGDOM: ANIMILIA
CLASS: MAMMALIA
PHYLUM: CHORDATA



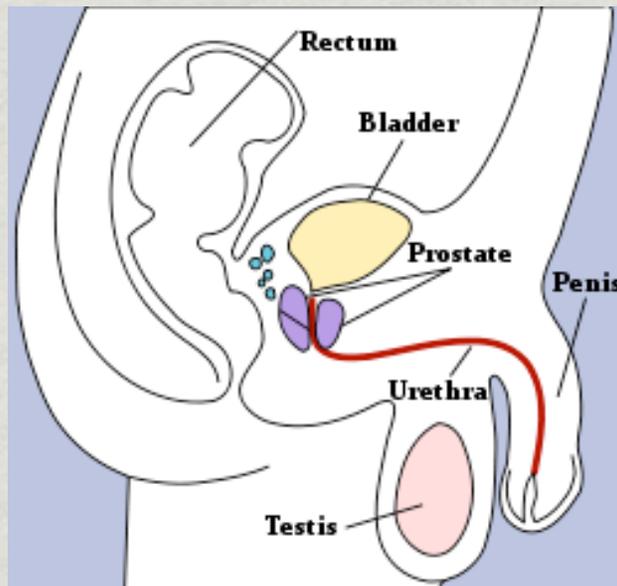
The Human Digestive

- ✱ Is a complex series of organs and glands that process food
- ✱ Our body has to break the food down into smaller molecules



Reproductive System

- * System of organs within an organism
- * Work together for the purpose of reproduction
- * Many non-living substances such as fluids, hormones, and pheromones are also important





Circulatory and Respiration System



- * Functions to transport blood and oxygen from the lungs to the various tissues
- * Heart pumps the blood throughout the body
- * Transport of oxygen from the outside air to the cells
- * The transport of carbon dioxide in the opposite direction

**THANK
YOU**



THATS ALL... FOR NOW!