

- Most are covered by membrane only. Some have protective “housing.”
- Can contract in any direction, or move with flagella or cilia

- Have thin covering cells
- Have internal skeleton of rods and fibers
- No movable parts

- Many have thin skin and no skeleton
- Muscles can shorten the tentacles and change the shape of the body

- No skeleton
- Outer skin secretes (makes) protective cuticle which is moistened with mucus glands
- Circular muscles and long muscles cause movement

- Covered by a thin, fleshy mantle
- Many are covered by an external limy shell
- Move with muscular foot
- Muscles open and close the shell

- Covered and supported by a hard exoskeleton made of chitin
- Many muscle fibers help make them act very quickly

- Covered by thin layer of soft skin on top of a Skeleton on limy plates and spines
- Skeleton joined by muscle fibers
- Moves with arms

- Covered by soft skin
- Long muscles bend the body for “swimming and burrowing
- Notochord is main support

- Covered by smooth skin with mucus glands
- Supported by notochord with small bony arches
- Skull and gill supports are made of cartilage
- Long muscles and fin muscles are for swimming

- Covered by skin with mucus glands, often with scales
- Bony internal skeleton with vertebral column
- Muscle segments turn and bend the body

- Covered by layers of moist skin with glands
- no scales
- Boney internal skeleton with vertebral column
- Some parts of skeleton are made of cartilage
- Separate, individual muscles move the body

- Covered by dry (not slimy) skin
- Usually has scales or plates
- Boney internal skeleton with vertebral column
- Separate, individual muscles move the body

- Covered by dry skin with thousands of feathers
- Bony internal skeleton with Vertebral column
- Many bones are hollow
- Large limb muscles
- Small muscles spread the feathers, move the eyes

- Covered by soft, thin skin with hair
- Boney internal skeleton with vertebral column which is flexible because of discs of cartilage
- Joints are made of cartilage