**Chicken wing dissection**

**Analysis Questions:**

1. What tissue of the chicken wing is commonly referred to as the “meat”?
2. Why would a bird be unable to fly if there were torn tendons in the wing?

3. Which two specific muscles, found in the human *upper arm*, are the equivalent of the chicken wing muscles you

looked at in this lab?

4. Why does a chicken need to have so many different bundles of muscles attaching to different parts of the bones?

5. Look at your pre-dissection sketch: There an additional structure that can be found on a chicken wing but not on a

human arm. This is called an *alula*. Label this on your sketch. Using an encyclopedia or the internet, look up the

alula- give it’s common name and describe its function.

6. What structure on the human body is comparable to the alula?

7. We know that birds have feathers. Humans do not. You may be surprised to learn about the tissue that makes up

feathers. Research feathers (internet or use an encyclopedia) to find out what they are made of. Discuss what

makes feathers and how this same substance is found in the human body. Discuss what human structures might

be comparable to feathers.