

# lab rep.

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Lab Report

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### **Lab report**

I took a keen observation of the bones images that I have. I compared against the information from various reading materials online and from text books to establish the identity of the bones. From the bones I established that the bones were from a juvenile and adult male as well as from an adult bird.

I used empirical observation and quantitative and qualitative data collection methods. Empirical observation this is a means of gaining knowledge by looking keenly at the information and data at hand. In my case it was the keen observation of the bones images that I have and writing about them as they are. From by observation of the pelvic I saw it was narrow and long thus giving an indicator that this was from a male adult. The skull has a large mastoid process which is a feature that you will find on the male adult.

Qualitative and quantitative data from the bones I had I counted each of them and indicating which body part them made up. The quality of the bones determined how old they were and also the sex represented.

The bones were well preserved and in good condition. The remains that were present include; a skull, 2 femur, teeth molar and incisors, 2 jaws, rib, pelvis, 2 scapulae, ulna, tibia, sternum, atlas.

From the data I came to the conclusion that the minimum number of individuals is three. There is the synsacrum which is a bone from a bird and there are two jaws one from a juvenile and the other from an adult. These are my key indicators of the conclusion I came to.

<b>ID</b>	<b>SIDE</b>	<b>AGE</b>
1.Jaw	Upper	Adult
2. Incisors teeth		Adult
3. human femur	Right	Adult
4. jaw	Lower	Juveniles
5. atlas		Adult
6. scapula	Right	Adult
7. single rib		Adult
8. femur	Right	Adult
9. skull	Front	Adult
10. pelvis	Front	Adult

11. scapula	Left	Adult
12. ulna	Left	Adult
13. tibia	Left	Adult
14. tooth	molar	Adult
15. sternum		Adult
16. synsacrum	Top	

### Conclusion

From the bones I have come into the conclusion that these were from an adult and juvenile male and a bird. From the bones it was clear that they were from a male skeleton features like the larger mastoid were the few indicators of this. One jaw was not fully formed thus having few number of teeth indicating that this was a juvenile. The limitations of using this method of research it becomes difficult to correctly identify the species due to biases of interpretation.

### Acknowledgement

I would like to thank my classmates for helping me in the process of this assignment.

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**Instructor**

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