

BIOL 1151L – Appendicular Skeleton Identification Sheet - Spring 2009

You should be able to identify all of the following bones of the appendicular skeleton as well as the markings listed below. You should be able to identify the bones on an intact skeleton, partially intact skeleton, or disarticulated, and indicate if each is the LEFT or RIGHT version of that bone. You should also be able to identify the bones and markings using the Anatomy 360 software.

Pectoral Girdle

1. Clavicle
 - a. Acromial end
 - b. Sternal end
2. Scapula
 - a. Spine
 - b. Supraspinous fossa
 - c. Infraspinous fossa
 - d. Acromion
 - e. Coracoid process
 - f. Glenoid cavity
 - g. Subscapular fossa
 - h. Lateral border
 - i. Medial border
 - j. Superior border
3. Humerus
 - a. Head
 - b. Anatomical neck
 - c. Surgical neck
 - d. Deltoid tuberosity
 - e. Coronoid fossa
 - f. Olecranon fossa
 - g. Capitulum
 - h. Trochlea
 - i. Medial epicondyle
 - j. Lateral epicondyle
4. Radius
 - a. Head
 - b. Neck
 - c. Radial tuberosity
 - d. Styloid process
5. Ulna
 - a. Olecranon process
 - b. Trochlear notch
 - c. Coronoid process
 - d. Head
 - e. Styloid process
6. Carpals
 - a. Hamate
 - b. Pisiform
 - c. Triquetral
 - d. Lunate

- e. Trapezoid
- f. Trapezium
- g. Scaphoid
- h. Capitate
7. Metacarpals (1 – 5)
8. Phalanges (1 – 5)
 - a. Proximal
 - b. Middle (not present on #1)
 - c. Distal

Pelvic Girdle

9. Coxal bone
 - a. Obturator foramen
 - b. Acetabulum
 - c. Greater sciatic notch
 - d. Pubic symphysis
 - e. Ilium
 - i. Iliac crest
 - ii. Iliac fossa
 - f. Ischium
 - i. Lesser sciatic notch
 - ii. Ischial spine
 - g. Pubis
 - i. Inferior ramus
 - ii. Superior ramus
10. Femur
 - a. Head
 - b. Neck
 - c. Greater trochanter
 - d. Lesser trochanter
 - e. Medial condyle
 - f. Lateral condyle
 - g. Intercondylar fossa
 - h. Patellar surface
 - i. Medial epicondyle
 - j. Lateral epicondyle
11. Patella
12. Fibula
 - a. Head
 - b. Lateral malleolus
13. Tibia
 - a. Lateral condyle

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- b. Medial condyle
 - c. Intercondylar eminence
 - d. Tibial tuberosity
 - e. Medial malleolus
14. Tarsals
- a. Talus
 - b. Calcaneus
 - c. Navicular
 - d. Cuboid
 - e. Lateral cuneiform
 - f. Intermediate cuneiform
 - g. Medial cuneiform
15. Metatarsals (1 – 5)
16. Phalanges (1 – 5)
- a. Proximal
 - b. Middle (not present on #1)
 - c. Distal