

Name _____

Variation in the Upper Limb Skeleton & Musculature
Take-home portion of Human Anatomy Lab Exam II – 10 pts.

Complete this exercise by visiting the on-line text *Illustrated Encyclopedia of Human Anatomic Variation* at <http://www.anatomyatlases.org/AnatomicVariants/AnatomyHP.shtml>.

I. Scroll down to the “Skeletal System Listed by Region”.

Scapula

- _____ 1. How often is the acromion falciform (“sickle-shaped”)?
_____ 2. What is the next most common shape of the acromion?

Humerus

- _____ 3. How frequently is a foramen observed in the olecranon fossa?
Sketch a supracondyloid/supracondylar process:

- _____ 4. How often has this been observed?

Wrist & Hand:

- _____ 5. How many accessory ossicles among the carpals have been described?
_____ 6a. How frequently are sesamoid bones observed at the 1st metacarpophalangeal joint?
_____ b. How frequently at the 5th metacarpophalangeal joint?
_____ 7. Note the many graphics illustrating **polydactyly**, the presence of extra digits – usually a thumb. Visit http://www.drgreene.com/21_182.html for another perspective on polydactyly. According to Dr. Greene, how frequent is this condition?

