Supplementary Material 2

**Methods: Measurements**

Below are figures illustrating the measurements taken on each element or element portion in the ecomorphological analyses. See also Supplementary Material 1 for text definitions of the measurements taken.

C:\Users\Fire\Desktop\BONES MEAS\dist hum 2.tifC:\Users\Fire\Desktop\BONES MEAS\dist hum 1.tifC:\Users\Fire\Desktop\BONES MEAS\dist hum 3.tif

FIGURE S1. Measurements of the distal humerus.

C:\Users\Fire\Desktop\BONES MEAS\radius.tif

FIGURE S2. Measurements of the radius. R11 (antero-posterior mid-shaft diameter) and R12 (transverse mid-shaft diameter) are not shown.

C:\Users\Fire\Desktop\BONES MEAS\metacarpal.tif

FIGURE S3. Measurements of the metacarpal. MC15 (anterior-posterior mid-shaft diameter), MC16 (transverse mid-shaft diameter), MC17 (anterior-posterior diameter of proximal shaft), MC18 (transverse diameter of proximal shaft), MC19 (anterior-posterior diameter of distal shaft), MC20 (transverse diameter of distal shaft) are not shown.

C:\Users\Fire\Desktop\BONES MEAS\prox fem 1.tifC:\Users\Fire\Desktop\BONES MEAS\prox fem 2.tif

FIGURE S4. Measurements of the proximal femur.

C:\Users\Fire\Desktop\BONES MEAS\dist femur.tif

FIGURE S5. Measurements of the distal femur.

C:\Users\Fire\Desktop\BONES MEAS\prox tibia.tif

FIGURE S6. Measurements of the proximal tibia.

C:\Users\Fire\Desktop\BONES MEAS\metatarsal.tif

FIGURE S7. Measurements of the metatarsal. MT17 (anterior-posterior mid-shaft diameter), MT18 (transverse mid-shaft diameter), MT19 (anterior-posterior diameter of proximal shaft), MT20 (transverse diameter of proximal shaft), MT21 (anterior-posterior diameter of distal shaft), MT22 (transverse diameter of distal shaft) not shown.

C:\Users\Fire\Desktop\BONES MEAS\astragalus.tif

FIGURE S8. Measurements of the astragalus (talus).

C:\Users\Fire\Desktop\BONES MEAS\calcaneus.tif

FIGURE S9. Measurements of the calcaneus.

C:\Users\Fire\Desktop\BONES MEAS\naviculo-cuboid.tif

FIGURE S10. Measurements of the naviculo-cuboid.

C:\Users\Fire\Desktop\BONES MEAS\e and m cuneiform.tif

FIGURE S11. Measurements of the external and middle cuneiform.

C:\Users\Fire\Desktop\BONES MEAS\magnum.tif

FIGURE S12. Measurements of the magnum.

C:\Users\Fire\Desktop\BONES MEAS\unciform.tif

FIGURE S13. Measurements of the unciform.

C:\Users\Fire\Desktop\BONES MEAS\lunar.tif

FIGURE S14. Measurements of the lunar.

C:\Users\Fire\Desktop\BONES MEAS\cuneiform.tif

FIGURE S15. Measurements of the cuneiform.

C:\Users\Fire\Desktop\BONES MEAS\prox phalanges.tif

FIGURE S16. Measurements of the proximal phalanges. PP9 (dorsal-palmar mid-shaft diameter) and PP10 (transverse mid-shaft diameter) are not shown.

C:\Users\Fire\Desktop\BONES MEAS\interm phalanges.tif

FIGURE S17. Measurements of the intermediate phalanges. IP8 (dorsal-palmar mid-shaft diameter) and IP9 (transverse mid-shaft diameter) are not shown.

C:\Users\Fire\Desktop\BONES MEAS\distal phalanges.tif

FIGURE S18. Measurements of the distal phalanges. DP7 (dorsal-palmar height at the mid-point) and DP8 (transverse width at the mid-point) are not shown.