Supplemental Table 1. δ13C and δ15N of Archaeological Turkeys, Deer, and Canids

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample #** | **Species** | | **Element** | **Proveniencec** | **Collagen Yield (%)** | **δ13Cco** | **δ15N** | **C:N** | **δ13Cap** |
|  | | **Fewkes**: | | | | | | | |
| 150 | *Meleagris gallopavo* | | ulna | Feature 55 | 4.17 | -20.7 | 4.67 | 3.21 | -12.32 |
| 151 | *Meleagris gallopavo* | | ulna | Feature 55 | 5.59 | -19.65 | 3.94 | 3.20 | -11.82 |
| 152 | *Meleagris gallopavo* | | ulna | Feature 55 | 3.78 | -22.20 | 4.57 | 3.27 | -11.03 |
| 153 | *Meleagris gallopavo* | | ulna | Feature 55 | 6.94 | -20.60 | 4.38 | 3.20 | -13.14 |
| 154 | *Meleagris gallopavo* | | ulna | Feature 55 | 5.39 | -19.61 | 4.34 | 3.20 | -10.84 |
| 155 | *Meleagris gallopavo* | | ulna | Feature 55 | 2.14 | -21.87 | 4.44 | 3.25 | -8.45 |
| 156 | *Meleagris gallopavo* | | femur | Feature 55 | 1.22 | -19.26 | 4.43 | 3.30 | -9.26 |
| 157 | *Meleagris gallopavo* | | tibiotarsus | Feature 184 | 2.92 | -21.19 | 4.33 | 3.25 | -10.59 |
| 158 | *Meleagris gallopavo* | | tibiotarsus | Feature 184 | 3.98 | -21.33 | 5.23 | 3.28 | -11.71 |
| 159 | *Meleagris gallopavo* | | tibiotarsus | Feature 184 | 4.91 | -20.43 | 4.30 | 3.22 | -11.19 |
| 160 | *Meleagris gallopavo* | | ulna | Feature 184 | 9.05 | -16.75 | 4.68 | 3.21 | -9.82 |
| 161 | *Meleagris gallopavo* | | femur | Feature 184 | 8.36 | -19.32 | 5.88 | 3.20 | -10.41 |
| 162 | *Meleagris gallopavo* | | ulna | Feature 712 | 14.96 | -19.75 | 4.48 | 3.21 | -13.14 |
| 163 | *Meleagris gallopavo* | | ulna | Feature 712 | 9.81 | -21.30 | 4.40 | 3.20 | -11.94 |
| 164 | *Meleagris gallopavo* | | ulna | Feature 712 | 13.45 | -16.59 | 4.53 | 3.21 | -12.22 |
| 165 | *Meleagris gallopavo* | | tarsometatarsus | Feature 712 | 7.53 | -21.56 | 4.28 | 3.20 | -10.70 |
| 166 | *Meleagris gallopavo* | | tarsometatarsus | Feature 712 | 8.44 | -18.00 | 5.03 | 3.21 | -9.68 |
| 167 | *Meleagris gallopavo* | | tarsometatarsus | Feature 712 | 7.87 | -21.54 | 4.41 | 3.22 | -11.33 |
| 168 | *Meleagris gallopavo* | | ulna | Feature 817 | 10.84 | -21.13 | 4.58 | 3.20 | -11.61 |
| 169 | *Meleagris gallopavo* | | ulna | Feature 817 | 13.44 | -21.38 | 4.06 | 3.20 | -13.20 |
| 170 | *Meleagris gallopavo* | | tibiotarsus | Lot 6056 | 12.74 | -19.09 | 4.27 | 3.20 | -11.80 |
| 171 | *Meleagris gallopavo* | | humerus | Lot 6056 | 6.41 | -21.13 | 4.06 | 3.22 | -12.62 |
| 172 | *Meleagris gallopavo* | | ulna | Feature 180 | 5.31 | -21.68 | 4.70 | 3.22 | -11.49 |
| 173 | *Meleagris gallopavo* | | tarsometatarsus | Feature 71 | 7.22 | -17.29 | 4.76 | 3.21 | -9.38 |
| 174 | *Meleagris gallopavo* | | tarsometatarsus | Feature 71 | 9.37 | -19.06 | 4.46 | 3.20 | -10.10 |
| 175 | *Meleagris gallopavo* | | tibiotarsus | Feature 83 | 4.05 | -15.42 | 4.14 | 3.24 | -9.05 |
| 176 | *Meleagris gallopavo* | | tibiotarsus | Feature 83 | 3.50 | -20.91 | 3.81 | 3.25 | -9.68 |
| 177 | *Meleagris gallopavo* | | ulna | Feature 533 | 4.81 | -21.27 | 3.83 | 3.22 | -10.21 |
| 178 | *Meleagris gallopavo* | | ulna | Feature 533 | 4.33 | -17.82 | 4.04 | 3.21 | -9.14 |
| 179 | *Meleagris gallopavo* | | femur | Feature 202 | 2.25 | -18.80 | 4.22 | 3.24 | -9.50 |
| 180 | *Meleagris gallopavo* | | tibiotarsus | Feature 346 | 2.27 | -16.98 | 4.75 | 3.24 | -9.10 |
| 181 | *Meleagris gallopavo* | | tibiotarsus | Feature 544 | 4.21 | -21.14 | 4.25 | 3.24 | -10.28 |
| 182 | *Meleagris gallopavo* | | radius | Feature 393 | 4.45 | -19.60 | 4.72 | 3.23 | -10.53 |
| 183 | *Meleagris gallopavo* | | humerus | Feature 56 | 3.42 | -19.34 | 4.48 | 3.24 | -9.32 |
| 184 | *Meleagris gallopavo* | | ulna | A, Unit 24, Lot 294 | 9.8 | -20.56 | 4.54 | 3.21 | -10.98 |
| 185 | *Meleagris gallopavo* | | tibiotarsus | Feature 34 | 5.66 | -22.09 | 3.77 | 3.26 | -12.01 |
| 186 | *Meleagris gallopavo* | | ulna | B00400 | 5.00 | -19.00 | 5.26 | 3.21 | -8.66 |
| 63 | *Odocoileus virginianus* | | metapodial | A, TU 31, Level 3 | 9.00 | -21.70 | 5.24 | 3.20 | - |
| 64 | *Odocoileus virginianus* | | phalange | Feature 21 | 3.57 | -21.89 | 3.46 | 3.30 | - |
| 65 | *Odocoileus virginianus* | | metapodial | Feature 56 | 2.67 | -21.01 | 3.64 | 3.30 | - |
| 66 | *Odocoileus virginianus* | | tibia | Feature 521 | 2.08 | -22.08 | 4.19 | 3.30 | - |
| 67 | *Odocoileus virginianus* | | humerus | C, TU 82, Level 4 | 4.05 | -22.93 | 4.54 | 3.30 | - |
| 68 | *Odocoileus virginianus* | | tibia | Feature 544 | 8.56 | -20.72 | 2.79 | 3.20 | - |
| 69 | *Odocoileus virginianus* | | humerus | Feature 393 | 1.80 | -21.73 | 3.48 | 3.30 | - |
| 70 | *Odocoileus virginianus* | | radius | TU 77, Level 2 | 1.01 | -25.60 | 2.21 | 2.40a | - |
| 71 | *Odocoileus virginianus* | | femur | Feature 715 | 11.71 | -21.52 | 5.90 | 3.20 | - |
| 72 | *Odocoileus virginianus* | | metacarpal | Feature 702 | 5.54 | -22.38 | 4.21 | 3.20 | - |
| 73 | *Odocoileus virginianus* | | tibia | Feature 847 | 2.62 | -22.42 | 4.28 | 3.30 | - |
| 74 | *Odocoileus virginianus* | | tibia | Feature 719 | 2.40 | -22.29 | 4.50 | 3.20 | - |
| 396 | *Canis lupus familiaris* | | mandible | Lot 2070 | 6.48 | -8.46 | 6.54 | 3.19 | -5 |
| 397 | *Canis lupus familiaris* | | tibia | Feature 55 | 7.20 | -9.7 | 7.44 | 3.19 | -6.56 |
| 398 | *Canis lupus familiaris* | | radius | Feature 83 | 2.36 | -11.55 | 5.98 | 3.28 | -6.6 |
| 399 | *Canis lupus familiaris* | | tibia | Feature 1 | 3.16 | -9.2 | 7.29 | 3.17 | -6.9 |
|  | |  | | | | | | | |
|  | | **Toqua:** | | | | | | | |
| 428 | *Meleagris gallopavo* | | tibiotarsus | Feature 23 | 15.60 | -20.24 | 4.64 | 3.19 | - |
| 429 | *Meleagris gallopavo* | | tibiotarsus | Feature 82 | 3.20 | -20.35 | 4.91 | 3.19 | - |
| 430 | *Meleagris gallopavo* | | ulna | Feature 94 | 18.73 | -20.98 | 4.09 | 3.19 | - |
| 431 | *Meleagris gallopavo* | | humerus | Feature 184 | 1.80 | -20.84 | 4.18 | 3.24 | - |
| 432 | *Meleagris gallopavo* | | ulna | Feature 201 | 19.60 | -20.52 | 5.06 | 3.18 | - |
| 433 | *Meleagris gallopavo* | | ulna | Feature 201 | 19.10 | -21.88 | 4.81 | 3.20 | - |
| 434 | *Meleagris gallopavo* | | tarsometatarsus | Section 9 | 14.40 | -20.99 | 4.98 | 3.20 | - |
| 435 | *Meleagris gallopavo* | | ulna | Feature 250 | 5.31 | -21.52 | 4.37 | 3.21 | - |
| 436 | *Meleagris gallopavo* | | ulna | Feature 250 | 16.70 | -21.30 | 5.30 | 3.18 | - |
| 437 | *Meleagris gallopavo* | | radius | Feature 495 | 10.20 | -21.52 | 4.21 | 3.20 | - |
| 438 | *Odocoileus virginianus* | | humerus | Feature 23 | 10.42 | -22.56 | 4.44 | 3.19 | - |
| 439 | *Odocoileus virginianus* | | scapula | Feature 82 | 5.84 | -21.62 | 3.45 | 3.16 | - |
| 440 | *Odocoileus virginianus* | | metacarpal | Feature 94 | 15.60 | -22.26 | 6.03 | 3.17 | - |
| 441 | *Odocoileus virginianus* | | radius | Feature 184 | 11.91 | -22.55 | 4.74 | 3.18 | - |
| 442 | *Odocoileus virginianus* | | metacarpal | Feature 250 | 13.80 | -22.12 | 4.98 | 3.17 | - |
|  | |  | | | | | | | |
|  | | **Mound Bottom:** | | | | | | | |
| 264 | *Meleagris gallopavo* | | humerus | 14/13/63D | 1.20 | -19.73 | 5.78 | 3.52 | -11.99 |
| 265 | *Meleagris gallopavo* | | humerus | Mound B | 6.63 | -21.78 | 4.14 | 3.27 | -15.66 |
| 266 | *Meleagris gallopavo* | | humerus | 14/15/63G | 13.89 | -18.69 | 4.54 | 3.28 | -12.46 |
| 267 | *Meleagris gallopavo* | | humerus | Feature 13 | 6.97 | -20.80 | 4.35 | 3.31 | -10.75 |
| 268 | *Meleagris gallopavo* | | humerus | Feature 13 | 9.93 | -20.74 | 4.32 | 3.31 | -12.98 |
| 269 | *Meleagris gallopavo* | | humerus | Feature 59 | 17.06 | -21.98 | 3.54 | 3.28 | -14.51 |
| 270 | *Meleagris gallopavo* | | humerus | 14/15/61D | 9.32 | -18.88 | 5.41 | 3.31 | -10.35 |
| 271 | *Meleagris gallopavo* | | humerus | Feature 59 | 16.82 | -20.35 | 4.39 | 3.29 | -13.54 |
| 272 | *Meleagris gallopavo* | | humerus | Feature 59 | 3.52 | -22.11 | 4.61 | 3.31 | -11.07 |
| 273 | *Meleagris gallopavo* | | humerus | Feature 55 | 7.62 | -20.54 | 4.86 | 3.32 | -11.45 |
| 274 | *Meleagris gallopavo* | | ulna | Feature 59 | 15.11 | -19.78 | 4.05 | 3.29 | -13.79 |
| 275 | *Meleagris gallopavo* | | tarsometatarsus | 14/47/67A | 9.25 | -19.64 | 3.96 | 3.33 | -13.11 |
| 276 | *Meleagris gallopavo* | | tibiotarsus | 14/34/65B | 8.35 | -19.83 | 4.49 | 3.34 | -12.69 |
| 277 | *Meleagris gallopavo* | | tibiotarsus | 14/34/67B | 2.39 | -19.75 | 4.61 | 3.38 | -12.02 |
| 29357b | *Meleagris gallopavo* | | coracoid | 14/13/64C | 16.98 | -19.07 | 5.47 | 3.27 | - |
| 29358b | *Meleagris gallopavo* | | tarsometatarsus | 14/13/64D | 5.18 | -18.94 | 4.62 | 3.28 | - |
| 29360 b | *Meleagris gallopavo* | | ulna | 14/12/64D | 16.31 | -20.35 | 4.78 | 3.28 | - |
| 29361 b | *Meleagris gallopavo* | | humerus | Feature 59 | 8.66 | -20.13 | 4.48 | 3.32 | - |
| 29362 b | *Meleagris gallopavo* | | coracoid | Feature 59 | 17.57 | -21.08 | 4.02 | 3.35 | - |
| 29363 b | *Meleagris gallopavo* | | carpometatarsus | Feature 59 | 10.22 | -19.73 | 4.46 | 3.43 | - |
| 29364 b | *Meleagris gallopavo* | | radius | Feature 59 | 16.51 | -20.29 | 4.56 | 3.27 | - |
| 29365 b | *Meleagris gallopavo* | | vertebra | 14/12/64D | 16.36 | -21.28 | 4.49 | 3.26 | - |
|  | |  | | | | | | | |
|  | | **Sandbar Village:** | | | | | | | |
| 258 | *Meleagris gallopavo* | | femur | Feature 4 | 4.44 | -22.08 | 4.13 | 3.30 | -10.47 |
|  | |  | | | | | | | |
|  | | **Inglehame Farm:** | | | | | | | |
| 0259 | *Meleagris gallopavo* | | ulna | Feature 18 | 13.55 | -15.47 | 5.21 | 3.26 | -9.24 |
| 0260 | *Meleagris gallopavo* | | tarsometatarsus | Feature 43 | 11.03 | -20.92 | 4.59 | 3.26 | -13.17 |
| 0261 | *Meleagris gallopavo* | | tarsometatarsus | TR. E, TU 8, Level 1 | 13.74 | -21.65 | 4.67 | 3.24 | -14.04 |
| 0262 | *Meleagris gallopavo* | | ulna | TR. E, TU 8, Level 1 | 15.33 | -19.91 | 4.94 | 3.27 | -13.00 |
| 29366b | *Meleagris gallopavo* | | tibiotarsus | 4-66-32-15 | 8.40 | -22.15 | 4.05 | 3.31 | - |
| 29359 b | *Meleagris gallopavo* | | humerus | 04-66-029 | 4.41 | -19.97 | 4.19 | 3.34 | - |
|  | |  | | | | | | | |
|  | | **Gordontown:** | | | | | | | |
| 263 | *Meleagris gallopavo* | | ulna | Feature 13 | 7.96 | -20.29 | 4.45 | 3.30 | -11.86 |
| 29355b | *Meleagris gallopavo* | | cuneiform | Feature 13 | 8.66 | -19.13 | 4.23 | 3.46 | - |
| 29356 b | *Meleagris gallopavo* | | tibiotarsus | Feature 23 | 5.75 | -19.82 | 4.43 | 3.35 | - |
|  | |  | | | | | | | |
|  | | **Irene Mound:** | | | | | | | |
| 249 | *Meleagris gallopavo* | | tarsometatarsus | 0-24-S-1 | 4.13 | -19.35 | 5.29 | 3.28 | -8.00 |
| 250 | *Meleagris gallopavo* | | tarsometatarsus | 12-C-1 | 4.00 | -19.90 | 5.33 | 3.27 | -8.53 |
| 251 | *Meleagris gallopavo* | | tarsometatarsus | 0-38-B-1 | 5.44 | -20.44 | 4.87 | 3.26 | -9.46 |
| 252 | *Meleagris gallopavo* | | tarsometatarsus | 12-X-1 | 6.41 | -19.13 | 4.59 | 3.29 | -9.32 |
| 253 | *Odocoileus virginianus* | | humerus | 40-B-12-2 | 8.05 | -22.30 | 4.79 | 3.27 | -11.24 |
| 254 | *Odocoileus virginianus* | | humerus | 40-B-5-1 | 7.53 | -22.00 | 5.42 | 3.26 | -11.17 |
| 255 | *Odocoileus virginianus* | | humerus | 40-E-7-1 | 7.28 | -21.74 | 5.49 | 3.27 | -11.14 |
| 256 | *Odocoileus virginianus* | | humerus | 44-J-11-2 | 9.49 | -22.38 | 4.40 | 3.27 | -12.27 |
| 257 | *Odocoileus virginianus* | | humerus | 44-J-3-3 | 3.47 | -23.04 | 4.43 | 3.29 | -9.82 |

asample excluded from analysis based on low atomic C:N.

b sample processed at the Center for Applied Isotope Studies at the University of Georgia.

c see Supplemental Text and SI Table 3 for context information.