Supplemental Table 1 – Cutmarks made on sea otter processed in July, 2016, by Mr. Kyle Barry

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Element | Placement | # | Description of cutmarks | Video time |
|  |  |  |  |  |
| sternum | cranial end, dorsal surface  | 1 | fine cut mark parallel to long axis, 2.1mm | 20:00 or 27:30, knife positioned down |
| last sternabra, xiphoid process | caudal end, ventral surface | 1 | fine cut mark perpendicular to long axis, 2.6mm | 20:00 or 27:30, knife positioned down |
| rib - 2nd L | into sternal end | 1 | coarse cut, 4.4mm long, 1.4mm deep | 20:00 or 27:30 or when gutted, after filming? |
| ulna - R | distal end, caudal side | 5 | cuts, from top to bottom: 2.1mm, 3.5mm (hyphenated into 4 segments), 5.8mm (diagonal), 2.3mm, 2.4mm; all but middle cut are perpendicular to long axis; 1st-3rd are fine, 4th & 5th are coarse & deep | 21:30 or 28:00-28:30 |
| radius - R | distal shaft | 2 | 2 parallel cuts perpendicular to long axis, both in 2 segments, each cut 2.7mm; these could have been made at the same time as 5 cuts on R ulna | 21:30 or 28:00-28:30 |
| radius - L | distal end | 6 | cuts, all perpendicular to long axis, top to bottom: 2.1mm, 3.0mm, 1.7mm, 2.8mm, 2.2mm, 4.9mm; 5th & 6th could be segments of 1 cut | 21:00-21:30, or 38:00-40:00 |
| metacarpal - 5th R | shaft, dorsal side near bulbous surface | 1 | very fine cut perpendicular to long axis, 2.1mm | 29:00-32:00 |
| hamate - R | on surface articulating w/ 4th & 5th metacarpal | 3 | coarse nicks on edge, jagged edges, 1.3mm, .9mm, .9mm | 29:00-32:00 |
| pelve - R ilium | lateral surface of ilium, half-way to crest from acetabulum | 1 | cut parallel to long axis, 3.9mm | when gutted, after filming? |
| femur - L | at base of ball at head (at margin of neck), opposite side from trochanters | 1 | coarse scrape/cut ; 10.9mm | 24:00-25:00 |
| fibula - L | anterior border of center of shaft | 3 | nicks, perpendicular to long axis; .9mm. .8mm, .8mm | 0:07-0:28 or 10:30 |
| metatarsal - 2nd L | proximal end | 2 | cuts perpendicular to long axis, top to bottom: 1.6mm, 4.2mm (2 segments) | 0:07-0:28 or 10:30 |
| metatarsal - 2nd R | proximal end | 1 | 2 segments of 1 cut, perpendicular to long axis near proximal end, 4.0mm | 0:29-1:00 knife positioned down |
| calcaneous - R | distal end, on flat palmar side | 1 | 2 segments (4.4mm, 4.9mm separated by hiatus of 5.5mm) of 1 long cut near distal end | 0:29-1:00 knife positioned down |