## 18 APPENDIX TWO: WORKED BONE AND ANTLER ARTEFACTS CATALOGUE, by Alan Saville

Information for each entry is listed in the following sequence: catalogue (CAT) number; previous list number for bone/antler finds; context and any associated information (including the date of recovery if recorded); species identification; skeletal part identification; overall length (L); overall breadth (B); overall thickness (Th) (all measurements in millimetres); weight (Wt) in grams; comments on
condition, completeness, presence of polish, etc. Identifications of species and skeletal part are by László Bartosiewicz and Ywonne Hallén. In the case of those pieces which have been individually radiocarbon dated the catalogue number has an asterisk and the laboratory code and age uncal вр are given. Items illustrated in this report have a cross-reference to the illustration number.

Bevel-ended tools, single bevel only (all of bone unless otherwise stated)

| CAT no. | List no. | Context | Description |
| :---: | :---: | :---: | :---: |
| 1 | 001 | C36, main midden (6/7-12-1993) | ruminant, longbone; L.52.5; B.17.5; Th.8.5; Wt.6.3; probably complete; polish/rounding; spalled bevel; lateral edge chipped. Illus 33. |
| 2 | 003 | C36, main midden (6/7-12-1993) | ruminant, longbone; L.48.0; B.15.5; Th.6.5; Wt.3.0; probably broken on one lateral edge and at the base; polish/rounding |
| 3 | 004 | C36, main midden <br> (6/7-12-1993) | ruminant, longbone; L.50.0; B.10.0; Th.8.5; Wt.3.7; probably complete except for longitudinal spall on bevel edge; bevel pocked; rounding |
| 4 | 005 | C36, main midden (6/7-12-1993) | red deer, metapodium; L.42.0; B.14.0; Th.7.5; Wt.3.3; complete; polish |
| 5 | 006 | C36, main midden <br> (6/7-12-1993) | ruminant, longbone; L.30.5; B.13.5; Th.5.0; Wt.1.5; fragment only; snapped obliquely through stem; spalled bevel |
| 6* | 007 | C36, main midden (6/7-12-1993) | ruminant, longbone; L.46.0; B.16.5; Th.7.0; Wt.4.5; stem broken at base; damage to one lateral edge; polish; AA-29316: 6215 $\pm 60$ uncal bP. Illus 35 and 51, upper left. |
| 7 | 009 | C36, main midden (6/7-12-1993) | red deer, ANTLER; L.33.0; B.21.0; Th.5.0; Wt.2.4; broken, stem snapped at base; polish; comprises two joining fragments (009 and former 008) from modern break |
| 8 | 010 | C36, main midden (6/7-12-1993) | red deer, metacarpus; L.53.5; B.19.5; Th.9.0; Wt.6.2; probably complete; polish/rounding; slightly spalled bevel. Illus 33 . |
| 9 | 011 | $\begin{aligned} & \text { C36, main midden } \\ & (6 / 7-12-1993) \end{aligned}$ | ruminant, longbone; L.56.5; B.13.0; Th.6.0; Wt.2.9; probably complete |
| 10 | 012 | C36, main midden (6/7-12-1993) | red deer, metapodium; L.48.5; B.14.5; Th.6.5; Wt.3.3; bevel heavily spalled; bevel broken by longitudinal split; otherwise complete?; polish/rounding; one lateral edge is sharp |
| 11 | 013 | C36, main midden (6/7-12-1993) | ruminant, longbone; L.32.5; B.11.0; Th.6.5; Wt.1.5; fragment only, split longitudinally through bevel |
| 12 | 015 | C36, main midden (6/7-12-1993) | red deer, metatarsus; L.69.0; B.13.5; Th.7.0; Wt.3.3; probably complete; lateral chipping; weathered |
| 13 | 016 | C36, main midden (6/7-12-1993) | ruminant, longbone; L.50.5; B.13.0; Th.7.0; Wt.3.5; stem broken at base, snapped; spalled bevel; edges chipped; polish |
| 14 | 017 | C36, main midden (6/7-12-1993) | red deer, metapodium; L.54.0; B.13.0; Th.5.5; Wt.3.6; probably complete; bevel spalled; polish |
| 15 | 018 | C36, main midden <br> (6/7-12-1993) | ruminant, metapodium; L.41.0; B.12.5; Th.6.5; Wt.2.4; stem probably broken; bevel spalled; polish; lateral edge chipping? |
| 16 | 019 | C36, main midden (6/7-12-1993) | red deer, metacarpus; L.47.0; B.11.5; Th.6.0; Wt.2.1; slight break at the base; possibly intentionally pointed at the base; bevel heavily spalled; polish; BURNT |
| 17 | 020 | C36, main midden 6/7-12-1993) | red deer, metatarsus; L.48.0; B.11.5; Th.7.0; Wt. 2.5; probably complete; bevel spalled; polish/rounding |


| CAT no. | List no. | Context | Description |
| :---: | :---: | :---: | :---: |
| 18 | 021 | C36, main midden (6/7-12-1993) | red deer, metapodium; L.54.0; B.14.0; Th.9.0; Wt.4.5; probably complete; bevel spalled; polish/rounding |
| 19 | 022 | C36, main midden (6/7-12-1993) | red deer, metatarsus; L.51.5; B.13.5; Th.10.0; Wt.3.1; possibly complete; lateral edge chipped? |
| 20 | 023 | C36, main midden (6/7-12-1993) | red deer, metatarsus; L.47.0; B.14.0; Th.12.0; complete; polish/rounding |
| 21 | 024 | C36, main midden (6/7-12-1993) | ruminant, longbone; L.47.5; B.13.0; Th.8.5; Wt.4.3; probably complete; bevel spalled and pocked; polish; ?lateral edge chipping; stain; ?BURNT |
| 22 | 025 | C36, main midden (6/7-12-1993) | red deer, metacarpus; L.45.0; B.11.0; Th.9.0; Wt.3.1; probably broken longitudinally down whole tool; dark stain; ?BURNT; polish; bevel striated |
| 23 | 026 | C36, main midden (6/7-12-1993) | ruminant, longbone; L.58.5; B.11.5; Th.6.0; Wt.3.8; length complete but spilt longitudinally through bevel; polish; rounded edges at base |
| 24 | 027 | C36, main midden (6/7-12-1993) | red deer, metacarpus; L.57.5; B.17.0; Th.10.0; Wt.8.4; slight break at base; polish/rounding |
| 25 | 029 | C36, main midden (6/7-12-1993) | red deer, metatarsus; L.44.0; B.20.0; Th.10.0; Wt.8.1; probably broken at the base; bevel spalled; polish/rounding |
| $26^{*}$ | 030 | C36, main midden (6/7-12-1993) | red deer, metatarsus; L.70.5; B.15.5; Th.8.5; Wt.6.1; old longitudinal fracture through the bevel on the inner surface of the base; modern break at the base; polish/rounding; AA-29315: uncal $5190 \pm 55 \mathrm{BP}$ (tool split during sampling). Illus 35 and 51. |
| 27 | 031 | C36, main midden (6/7-12-1993) | red deer, metatarsus; L.70.0; B.20.5; Th.7.0; Wt.6.2; probably broken at the base; probably split longitudinally through the bevel; bevel spalled |
| 28 | 034 | C36, main midden (6/7-12-1993) | red deer, metapodium; L.64.0; B.14.5; Th.9.0; Wt.7.7; probably complete; one lateral edge chipped at the base, the opposite edge chipped in the middle; polish/rounding |
| 29 | 035 | C36, main midden (6/7-12-1993) | ruminant, longbone; L.29.5; B.14.0; Th.8.0; Wt.1.7; fragment only; snapped at base of stem; bevel split longitudinally but probably reused after; polish/ rounding; weathered |
| 30 | 038 | C36, main midden (7-12-1993) | ruminant, longbone; L.30.5; B.7.0; Th.4.5; Wt.0.6; fragment only; split off longitudinally through the bevel |
| 31 | 039 | C36, shell midden (6/7-12-1993) | red deer, metapodium; L.45.0; B.12.5; Th.8.0; Wt.2.5; possibly complete or almost so; heavily weathered. Illus 33 . |
| 32 | 040 | C36, bottom of main midden (7-12-1993) | red deer, metatarsus; L.161.0; B.27.0; Th.15.0; Wt.43.1; complete, except for major spall damage to the bevel and modern damage at the base on one edge; polish/rounding; one lateral edge chipped. Illus 34. |
| 33 | 041 | C31 | red deer, metacarpus; L.109.5; B.15.5; Th.12.5; Wt.9.6; modern break at the base; bevel broken by longitudinal fracture; weathered |
| 34 | 042 | C36, shell midden | ruminant, longbone; L.58.0; B.12.0; Th.11.0; Wt.3.5; probably complete; polish; weathered |
| 35 | 043 | C36, main midden (7-12-1993) | ruminant, longbone; L.38.0; B.7.5; Th.8.0; Wt.1.8; ?near complete; possibly split longitudinally and then reused; polish |
| 36 | 044 | C36 | red deer, tibia; L.65.0; B.14.0; Th.11.0; Wt.8.7; probably complete; polish/ rounding; tapered base |
| 37 | 046 | C36 | red deer, femur; L.56.0; B.19.0; Th.6.5; Wt.6.6; probably complete; bevel heavily spalled; polish. Illus 33. |
| 38 | 047 | C36 | red deer, metacarpus; L.65.5; B.15.0; Th.9.0; Wt.7.2; probably complete; bevel spalled, reused after spalling; polish; base tapered |
| 39 | 048 | C36 | ruminant, longbone; L.54.0; B.13.5; Th.6.0; Wt.2.4; probably broken at base; bevel spalled; polish/rounding |
| 40 | 049 | C36 | ruminant, longbone; L.67.0; B.17.5; Th.8.5; Wt.6.0; probably complete; bevel spalled; base tapered; polish; has a cutmark |
| 41 | 050 | C36 | red deer, metatarsus; L.70.5; B.19.0; Th.7.0; Wt.6.0; probably complete; bevel spalled; polish |
| 42 | 051 | C36 | red deer, metatarsus; L.64.0; B.14.0; Th.7.0; Wt.3.9; possibly complete, but has one fragile, sharp lateral edge; other lateral edge has chipping; polish/rounding |


| CAT no. | List no. | Context | Description |
| :---: | :---: | :---: | :---: |
| 43 | 052 | C36 | ruminant, longbone; L.59.0; B.20.5; Th.7.5; Wt.5.1; probably complete; bevel spalled; polish/rounding; base tapered |
| 44* | 054 | C36, bottom of main midden (7-12-1993) | red deer, metatarsus; L.152.0; B.30.5; Th.15.5; Wt. 37.6; modern break at base; bevel heavily spalled; sampled for radiocarbon dating (after removal of sample Wt. $=35.4 \mathrm{~g}$ ); flaking on one lateral edge; polish/rounding; OxA4994: uncal $7590 \pm 90$ bp. Illus 34 and 37 . |
| 45 | 055 | C36 | red deer, metatarsus; L.146.0; B.21.0; Th.15.5; Wt.27.4; complete; bevel spalled; slight modern damage just below the bevel on one lateral edge; polish/rounding; base formed by an articular terminal. Illus 34 and 37 . |
| 46 | 057 | C36, shell midden | ruminant, longbone; L.47.0; B.14.5; Th.7.5; Wt.4.5; possibly complete; BURNT; has a cutmark; bevel striated |
| 47 | 058 | C36, main midden (7-12-1993) | ruminant, longbone; L.61.5; B.12.5; Th.6.5; Wt.3.6; ?slight break at the base; bevel spalled |
| 48 | 059 | C31 | ruminant, longbone; L.34.0; B.13.5; Th.7.0; Wt.1.9; probably complete; the base is heavily spalled and could possibly have formerly been bevelled; one lateral edge chipped; possibly not a conventional bevel-ended tool - perhaps the base of a spatula-type implement? |
| 49 | 060 | C31 | ruminant, longbone; L.59.0; B.12.0; Th.6.5; Wt.3.9; probably complete; bevel spalled and striated; polish/rounding; base tapered |
| 50 | 061 | C31, 4 | red deer, metacarpus; L.52.0; B.12.0; Th.11.5; Wt.2.8; probably complete in length; bevel split longitudinally, modern; lateral edge chipping? |
| 51 | 062 | C31 | ruminant, longbone; L.54.0; B.14.0; Th.9.0; Wt.3.6; virtually complete; bevel pocked; lateral edge chipping; polish |
| $52^{*}$ | 064 | C31, 4 | ruminant, longbone; L.62.0; B.13.5; Th.8.0; Wt.4.6; broken at base, snapped; polish/rounding; ?split longitudinally through the bevel then reused; AA29314: $3975 \pm 50$ uncal BP. Illus 35 and 51 . |
| 53 | 065 | C31 | red deer, metacarpus; L.82.0; B.17.0; Th.8.5; Wt.7.5; probably complete; lateral edge chipping; bevel pocked; polish/rounding; base tapered |
| 54 | 066 | C31, 4 | ruminant, longbone; L.53.5; B.11.0; Th.5.5; Wt.1.9; possibly complete; slight modern damage to one lateral edge of the bevel; weathered |
| 55 | 067 | C31, 4 | ruminant, longbone; L.45.0; B.9.0; Th.10.5; Wt.3.3; bevel broken longitudinally; probably broken at the base |
| 56 | 069 | C31 | ruminant, longbone; L.41.0; B.13.0; Th.8.0; Wt.2.8; probably broken at the base |
| 57 | 070 | C31 | ruminant, tibia; L.51.0; B.12.5; Th.9.5; Wt.3.0; probably broken at the base; some rounding |
| 58 | 071 | C31 | ruminant, longbone; L.50.5; B.12.5; Th.9.5; Wt.4.0; probably complete; polish/rounding; lateral edge chipping |
| 59 | 072 | C31 | red deer, metatarsus; L.39.5; B.18.0; Th.10.0; Wt.3.3; fragment only; snapped medially, modern break; bevel spalled and striated; polish/rounding |
| 60 | 073 | C31 | red deer, metatarsus; L.42.5; B.13.0; Th.9.5; Wt.2.5; possibly near complete; slight damage at base; base tapered |
| 61 | 074 | C31 | ruminant, longbone; L.46.5; B.8.5; Th.7.0; Wt.1.6; fragment only; split longitudinally through bevel and down whole length of tool |
| 62 | 075 | C36, shell midden | red deer, metatarsus; L.113.0; B.11.0; Th.10.0; Wt.8.9; ?fragment only; split longitudinally through bevel and down whole length of tool, but may be reused after split; possibly not a conventional bevel-ended tool; bevel spalled; lateral chipping; polish |
| 63 | 076 | C31 | ruminant, longbone; L.66.0; B.12.5; Th.6.0; Wt.3.1; split longitudinally through the bevel and down one edge; possibly intact at the base; bevel spalled; weathered |
| 64 | 077 | C31 | ruminant, longbone; L.74.0; B.12.0; Th.8.5; Wt.4.7; possibly complete; base tapered; narrow bevel; probably reused after a longitudinal split; lateral edge chipped |
| 65 | 078 | C31 | ?ruminant, ?longbone (?cetacean bone); L.66.0; B.19.0; Th.9.0; Wt.3.1; possibly complete, except for slight damage at base; bevel striated; heavily weathered. Illus 35 . |


| CAT no. | List no. | Context | Description |
| :---: | :---: | :---: | :---: |
| 66 | 079 | C31, 4 | ruminant, longbone; L.72.5; B.14.5; Th.9.0; Wt.5.0; probably complete; rounding; base tapered |
| 67 | 080 | C31 | ruminant, longbone; L.74.5; B.19.0; Th.8.5; Wt.5.7; possibly complete; bevel heavily damaged by spalling; polish/rounding; base tapered |
| 68 | 081 | C31, 4 | 68081C31, 4; red deer, metapodium; L.53.0; B.15.0; Th.7.0; Wt.4.1; possibly complete in length; bevelled end spilt obliquely on one edge; remainder of bevel heavily spalled; polish |
| 69 | 103 | $\begin{aligned} & \text { C36, base: column 1, } \\ & \text { S.J.(a) } \end{aligned}$ | red deer, metatarsus; L.119.5; B.39.0; Th.21.0; Wt.37.1; complete; bevel spilt longitudinally then reused; base formed by an intact articular terminal; polish/rounding. Illus 36. |
| 70* | 104 | C38 | red deer, metapodium; L.53.0; B.14.0; Th.10.0; Wt.4.5; possibly broken at the base; one lateral edge of the bevel damaged by a modern spall; bevel striated; polish; AA-29313: $3660 \pm 65$ uncal Bp. Illus 35 and 51 . |
| 71 | 105 | C36: column 1, sample D | red deer, metapodium; L.49.5; B.13.0; Th.7.5; Wt.5.5; complete; polish/rounding |
| 72 | 106 | C36: column 1, sample D | red deer, metacarpus; L.67.5; B.15.0; Th.8; Wt.8.4; complete; one lateral edge chipped; polish |
| 73 | 107 | C38, main midden, BB5 | ruminant, longbone; L.30.5; B.11.0; Th.5.5; Wt.1.2; ?complete; possibly split longitudinally down whole implement and reused; bevel heavily spalled; polish |
| 74 | 228 | C36, shell midden (6/7-12-1993) | ruminant, longbone; L.42.5; B.14.0; Th.7.0; Wt.1.4; fragment only, split longitudinally; modern breaks at base and on one lateral edge |
| 75 | 583 | C31, BB4 | ruminant, longbone; L.33.0; B.15.0; Th.6.0; Wt.2.5; bevelled end only; modern break; bevel heavily splintered and spalled; weathered |
| 76* | 612 | C31, BB4 | red deer, metacarpus; L.89.0; B.14.0; Th.13.0; Wt.9.7; possibly complete; polish/rounding; AA-29311: $4175 \pm 60$ uncal Bр. Illus 35 and 51. |
| 77 | 695 | C31, main midden, BB6 | ruminant, longbone; L.50.5; B.10.5; Th.6.0; Wt.2.4; split longitudinally through the bevel and down the whole tool, but possibly complete in length; base heavily spalled, possibly previously bevelled; bevel spalled |
| 78 | 722 | C31, BB1 and 'cleaning above pavement' | ?roe deer, metacarpus; L.50.0; B.11.5; Th.6.0; Wt.2.7; possibly broken at the base; weathered |
| 79 | 832 | C31, BB6 | unidentified; L.43.0; B.8.0; Th.6.5; Wt.2.1; complete; stained; ?split longitudinally then reused; polish/rounded |

Bevel-ended tools, bevelled at both ends (all of bone)

| CAT no. | List no. | Context | Description |
| :---: | :---: | :---: | :---: |
| 80 | 002 | C36, main midden <br> (6/7-12-1993) | red deer, metapodium; L.62.0; B.14.0; Th.9.5; Wt.4.5; double ended; near complete; one bevel fractured longitudinally; intact bevel striated; rounding; lateral edges chipped; weathered; main bevelled surfaces on same face of tool. Illus 33 and 35 . |
| 81 | 014 | C36, main midden | ruminant, longbone; L.51.5; B.15.0; Th.6.0; Wt.5.9; double ended; complete; bevel at narrower end spalled; pronounced polish/rounding; main bevelled surfaces on same face of tool. Illus 33 and 35 . |
| 82 | 028 | C36, main midden (6/7-12-1993) | ruminant, longbone; L.47.5; B.12.0; Th.6.5; Wt.3.0; double ended; complete; split longitudinally through one bevel, the other bevel postdates this; dark stain; polish; the truncated bevel is striated; main bevelled surfaces on same face of tool. Illus 35 . |
| 83 | 032 | C36, main midden | ruminant, longbone; L.48.0; B.13.5; Th.7.5; Wt.3.5; double ended; complete; one bevel split longitudinally, which is postdated by the other bevel; polish; lateral edge chipping; intact bevel pocked; main bevelled surfaces on opposite faces of tool. Illus 33 and 35 . |
| 84 | 033 | C36, main midden (6/7-12-1993) | red deer, metatarsus; L.42.0; B.12.5; Th.11.0; Wt.4.3; double ended; complete; one bevel heavily spalled and split longitudinally, the split predates the other bevel, which is intact; polish/rounding; main bevelled surfaces on opposite faces of the tool. Illus 35. |
| 85 | 036 | C36, main midden (6/7-12-1993) | ruminant, longbone; L.46.0; B.9.5; Th.7.5; Wt.3.1; double ended; complete; one bevel spalled and almost obscured by damage; the damaged bevel is also split longitudinally, which the other bevel postdates; polish; dark stain; ?BURNT; disposition of the damaged bevel uncertain. Illus 35 . |
| 86 | 063 | C31 | red deer, metatarsus; L.75.5; B.11.5; Th.9.5; Wt.4.2; double ended; complete in length; one bevel split and postdated by the opposite end bevel, which in turn is broken longitudinally; weathered; main bevelled surfaces on same face of tool |
| 87 | 083 | C31 | ruminant, tibia; L.61.0; B.13.0; Th.8.5; Wt. 4.4; double ended; complete in length; broken obliquely through the bevel at one end; the bevel at the opposite end is heavily pocked/spalled; polish; main bevelled surfaces probably on the same surface of the tool |
| 88 | 102 | C36: column 1, sample G.(a) | red deer, tibia; L.146.0; B.25.5; Th.11.0; Wt.37.9; double ended; complete; bevels pock-marked; polish/smoothing; main bevelled surfaces on same surface of the tool. Illus 36 . |

Tools with combined bevel-end and intentional point (all of bone)

| CAT no. | List no. | Context | Description |
| :--- | :--- | :--- | :--- |
| 89 | 045 | C36 | red deer, metacarpus; L.64.0; B.16.5; Th.10.0; Wt.7.6; complete apart <br> from modern break down one lateral edge of the bevel; pronounced <br> polish. Illus 35 and 38. |
| 90 | 053 | C36 | red deer, metacarpus; L.51.5; B.15.5; Th.8.5; Wt.3.2; complete except for <br> slight damage at the tip of the point; lateral edge chipping; polish; bevel <br> striated. Illus 35. |

Points (tools with intentionally pointed ends) (all of bone unless otherwise stated)

| CAT no. | List no. | Context | Description |
| :---: | :---: | :---: | :---: |
| 91 | 091 | C36 | red deer, metatarsus; L.109.5; B.12.5; Th.8.0; Wt.8.4; complete; fine point; polish; polished facet at non-pointed terminal possibly relates to a previous use. Illus 36 and 39 . |
| 92 | 092 | C36 | roe deer; metacarpus; L.65.0; B.11.0; Th.5.5; Wt.2.7; point broken, old break; opposite terminal broken, modern break; polish |
| 93 | 093 | C36 | ruminant, longbone; L.85.0; B.12.0; Th.10.0; Wt. 5.0; old break at the tip of the point; dark mark near tip of point; polish. Illus 36 and 39 . |
| 94 | 094 | C36 | ruminant, longbone; L.91.0; B.8.5; Th.6.0; Wt.3.7; slight break or use damage at tip of point; opposite terminal possibly broken; polish. Illus 35. |
| 95 | 095 | C36 | ruminant, rib; L.58.0; B.6.5; Th.2.5; Wt.0.9; on narrow splinter; point slightly broken; possibly broken at opposite terminal; polish |
| 96 | 096 | C36 | ruminant, tibia; L.88.5; B.18.0; Th.7.0; Wt.4.5; complete; polish. Illus 36 and 39. |
| 97 | 097 | C36 | roe deer; metacarpus; L.43.0; B.9.0; Th.4.5; Wt.0.7; slight break at the tip of the point; broken at the opposite terminal; polish |
| 98 | 098 | C31 | red deer, ANTLER; L.29.5; B.8.5; Th.6.5; Wt.0.8; tip only; modern break at opposite terminal; polish |
| 99 | 099 | C36 | ruminant, longbone; L.68.0; B.9.5; Th.5.5; Wt.2.1; narrow tip; modern break at the opposite terminal; polish. Illus 36 and 39. |
| 100 | 100 | C36 | ?roe deer, metatarsus; L.85.0; B.6.0; Th.4.5; Wt.2.1; pointed at both terminals; narrower end complete; slight damage at opposite, slightly thicker tip; polish. Illus 36 and 39. |
| 101 | 101 | C36 (7-12-1993) | ruminant, longbone; L.37.0; B.9.5; Th.5.0; Wt.1.3; broken at the point; modern break at opposite terminal; polish |
| 102* | 108 | C36: column 1, sample H | roe deer, tibia; L.104.5; B.21.0; Th.16.5; Wt.12.0; complete; obliquely split shaft type of bone point; non-pointed end is the epiphyseal terminal of the bone; smooth, waxy feel; very well-preserved; AA-29312: $2045 \pm 60$ uncal bp. Illus 36 . |
| 103 | 634 | C31, BB4 | ruminant, longbone; L.50.5; B.22.0; Th.15.0; Wt.5.1; old break at the tip of the point; opposite terminal intact and articular |

Miscellaneous/unclassified worked pieces (all of bone unless otherwise stated)

| CAT no. | List no. | Context | Description |
| :---: | :---: | :---: | :---: |
| 104 | 037 | C36, main midden <br> (6/7-12-1993) | suid, fibula; L.49.5; B.8.0; Th.3.5; Wt.1.1; probably a point, but broken at the tip; the base is semi-bevelled; polish |
| 105 | 056 | C36, main midden (7-12-1993) | ruminant, longbone; L.98.5; B.15.5; Th.5.5; Wt.10.4; part of polished tool - ?spatula type; one end intact and worn smooth; other end absent, ancient break. Illus 36 . |
| 106 | 068 | C36, main midden (7-12-1993) | ruminant, longbone; L.50.0; B.6.5; Th.6.0; Wt.1.1; ?fragment only; split off longitudinally through the modified area; possibly part of a bevel-ended tool |
| 107 | 082 | C36, main midden (7-12-1993) | ruminant, longbone; L.58.0; B.10.5; Th.7.0; Wt.3.4; probably complete; possibly a bevel-ended tool, but the putative bevel almost wholly obscured by spalling; slight break and spalling at the narrow, opposite end; polish |
| 108 | 084 | C36 | ruminant, longbone; L.6.5; B.12.5; Th.7.0; Wt.1.4; fragment only, snapped; spalled terminal is thin and carefully shaped; ?base of a spatula-type tool; polish |
| 109 | 085 | C31, 4 | red deer, metacarpus; L.94.5; B.14.0; Th.8.5; Wt.6.3; bevel-like worn surface at articular end of the bone; opposite end fortuitously pointed and possibly utilised |
| 110 | 086 | C36, main midden (7-12-1993) | unidentified; L.15.5; B.12.0; Th.3.5; Wt.0.5; spall only; with bevel-type wear and cutmarks |
| 111 | 088 | C36, main midden (7-12-1993) | ruminant, longbone; L.34.5; B.9.5; Th.5.5; Wt.1.7; fragment with one spalled and splintered terminal; possibly from a bevel-ended tool; polish |
| 112 | 089/212 | C36, main midden/ shell midden (6/7-12-1993) | ruminant, longbone; L.59.5; B.24.0; Th.14.0; Wt.8.8; two joining fragments, modern break; medial segment of longbone, broken at both ends; one end is modified and worn, being flat and spatula-like |
| 113 | 090 | C31 | red deer, ANTLER, tine-tip; L.81.0; B.23.5; Th.17.5; Wt.6.5; slight modern damage at tip of tine; possibly used/smoothed |
| 114 | 180 | C36, shell midden <br> (6/7-12-1993) | ruminant, longbone; L.83.0; B.22.0; Th.15.0; Wt.11.7; medial, longitudinally split fragment, with a notch or half of a perforation on one of the lateral edges; modern break at one end |
| 115 | 408 | $\begin{aligned} & \text { C36, main midden } \\ & (7-12-1993) \end{aligned}$ | ruminant, longbone; L.56.5; B.19.0; Th.7.5; Wt.8.1; one end is smoothed/ polished on a curve; the opposite end is broken |
| 116 | 780 | C39 | ruminant, longbone; L.20.0; B.14.5; Th.4.5; Wt.1.1; fragment only; spalled bevelled terminal of thin, smoothed object |

