Appendix 1 Inventory of objects examined organised by museum

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Museum | Accession Number | Object | Hoard/Single find | Type | Notes |
| Ashmolean | 1927 2051 | anvil |  | beaked | top is slanted |
| Ashmolean | 1927 2322 | anvil |  | complex | uneaqual roof shaped top. Back has series of slots (possibly for drawing wire). Beak is square rather than round |
| Ashmolean | 1927. 2519 | arc fragment | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2506g | axe blade fragment | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2460 | axe/chisel |  | socketed |  |
| Ashmolean | 1927 2490 | Bronze mould for socketed axe | Isle of Harty Hoard |  | Matches axes 2491, 2494, 2495 |
| Ashmolean | 1927 2501 | Bronze mould for socketed axe | Isle of Harty Hoard |  | matches axes 2502, 2503. Could 2490 have been made first, axes cast from mould 2497 and made from them (slightly smaller) |
| Ashmolean | 1927 2498 | Bronze mould for socketed axe | Isle of Harty Hoard |  | matches axe 2499 |
| Ashmolean | 1927 2507 | Bronze mould for socketed gouge | Isle of Harty Hoard |  | matches gouge 2509 |
| Ashmolean | 1927 2147 | bronze mould fragment | France |  |  |
| Ashmolean | 1927 2517 | bronze object | Isle of Harty Hoard |  | possible toggle. |
| Ashmolean | 1927 2438 | casting jet |  |  | has two sprues |
| Ashmolean | 1927 2439 | casting jet |  |  | five sprues |
| Ashmolean | 1927 2373 | chisel | Single find / Mildenhall | flat axe type |  |
| Ashmolean | 1927 2462 | chisel | Reach Fen Hoard | tanged |  |
| Ashmolean | 1836 p122 no 24 | chisel |  | blade fragment |  |
| Ashmolean | 1955 144 | chisel | Highworth | socketed | chevron texture inside socket |
| Ashmolean | 1927 2465 | chisel |  | socketed |  |
| Ashmolean | 1836 p122.24 | chisel | Burgess Meadow Hoard | tanged |  |
| Ashmolean | 1927. 2460 | chisel | Reach Fen Hoard | socketed |  |
| Ashmolean | 1836 p122-25 | chisel (?) | Burgess Meadow Hoard |  |  |
| Ashmolean | AN 7NB 603 | disk | Isle of Harty Hoard |  |  |
| Ashmolean | 1927. 2508 | gouge | Isle of Harty Hoard |  | almost matches mould 2507 |
| Ashmolean | 1927. 2509 | gouge | Isle of Harty Hoard |  | matches mould 2507 |
| Ashmolean | 1927 2467 | gouge |  |  |  |
| Ashmolean | 1955 145 | gouge |  | socketed |  |
| Ashmolean | 1927 2511 | hammer | Isle of Harty Hoard | 1 | face slightly lopsided |
| Ashmolean | 1927 2512 | hammer | Isle of Harty Hoard | 1 |  |
| Ashmolean | 1836 p122-23 | hammer | Burgess Meadow Hoard | 1a |  |
| Ashmolean | 1927 2662 | hammer | single find / Lakenheath | 3 |  |
| Ashmolean | 1927 2463 | hammer | Reach Fen Hoard | 1a |  |
| Ashmolean | 1927 1527-2321 | hammer | France | 1 | silvery gold colour, wavy casting seam |
| Ashmolean | 1927. 2520 | ingot | Isle of Harty Hoard |  |  |
| Ashmolean | 1927. 2605 | ingot | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2520 | ingot | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2440 | ingot |  |  |  |
| Ashmolean | 1927 2513 | knife | Isle of Harty Hoard |  |  |
| Ashmolean | 1927. 2 | knife | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2209 | bronze mould for palstave | France |  |  |
| Ashmolean | 1969.487 | palstave | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2603 | palstave | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2687 | chisel / palstave | Dorchester |  |  |
| Ashmolean | 1937 286 | palstave | Dorchester |  |  |
| Ashmolean | 1836 p122.22 | palstave |  |  |  |
| Ashmolean | 1882.7 | palstave | Leopold St. Hoard |  |  |
| Ashmolean | 1882.3 | palstave | Leopold St. Hoard |  |  |
| Ashmolean | 1881.198 | palstave | Leopold St. Hoard |  |  |
| Ashmolean | 1882.8 | palstave | Leopold St. Hoard |  |  |
| Ashmolean | 1882.7 | palstave | Leopold St. Hoard |  |  |
| Ashmolean | 1882.3 | palstave | Leopold St. Hoard |  |  |
| Ashmolean | 1882.5 | palstave | Leopold St. Hoard |  |  |
| Ashmolean | 1882.4 | palstave | Leopold St. Hoard |  |  |
| Ashmolean | 1882.9 | palstave | Leopold St. Hoard |  |  |
| Ashmolean | 1882.8a | palstave | Leopold St. Hoard |  |  |
| Ashmolean | 1927 2688 | palstave/ chisel |  |  |  |
| Ashmolean | 1927 2902 | round object | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2622 | small socketed axe | single find / Bottisham Fen, Cambs |  |  |
| Ashmolean | 1927 2516 | snarling iron (?) | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2515 | snarling iron (?) | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2491 | Socketed Axe | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2500 | Socketed Axe | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2499 | Socketed Axe | Isle of Harty Hoard |  | matches mould 2498 |
| Ashmolean | 1927 2505 | Socketed Axe | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2495 | Socketed Axe | Isle of Harty Hoard |  | matches moutd 2490 |
| Ashmolean | 1927 2503 | Socketed Axe | Isle of Harty Hoard |  | matches mould 2501, but lacks decoration seen in mould |
| Ashmolean | 1927 2493 | Socketed Axe | Isle of Harty Hoard |  | matches mould 2490 |
| Ashmolean | 1927 2502 | Socketed Axe | Isle of Harty Hoard |  | matches mould 2501 |
| Ashmolean | 1927 2496 | Socketed Axe | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2504 | Socketed Axe | Isle of Harty Hoard |  |  |
| Ashmolean | 1927 2497 | Socketed Axe | Isle of Harty Hoard |  |  |
| Ashmolean | 1968 786 | Socketed Axe |  |  |  |
| Ashmolean | 1927 2494 | Socketed Axe | Isle of Harty Hoard |  | matches mould 2490 |
| Ashmolean | 1927 2604 | Socketed Axe | Isle of Harty Hoard |  | matches mould 2490 |
| Ashmolean | 1927 2426 | Socketed Axe |  |  | lots of flashing |
| Ashmolean | 1836 p 122.27 | Spearhead | Burgess Meadow Hoard |  |  |
| Ashmolean | 1836 p122.26 | Spearhead | Burgess Meadow Hoard |  |  |
| Ashmolean | 1927 2898 | stone mould |  |  | carved for spearhead or knife on one side, the other has two chisels and an arc |
| Ashmolean | 1886 5765 | stone mould |  |  | fragment of mould fro palstave or chisel |
| Ashmolean | 1927 2895 | stone mould |  | spear |  |
| Ashmolean | 1927 2724 | stone mould |  | spear |  |
| Ashmolean | 1927 2897 | stone mould |  | side looped spear |  |
| Ashmolean | 1927 2723 | stone mould |  | side looped spear |  |
| Ashmolean | 1927 2518 | whetstone | Isle of Harty Hoard |  | drilled (to hang from cord?) |
| Ashmolean | 1927 6678 | whetstone |  |  |  |
| Ashmolean | 1927 4375 | whetstone | Ireland |  |  |
| Ashmolean | 1927 5031 | whetstone | Sweden |  |  |
| Ashmolean | 1927 2587 | winged axe | Isle of Harty Hoard |  |  |
| British Museum | 83 2-8 19 | anvil | Lusmagh Hoard | complex | has two holes on side and two on longer beak (drawplates) |
| British Museum | 52 G-26 89 | awl | Thorndon Hoard |  |  |
| British Museum | 83 2-18 23 | chisel | Lusmagh Hoard | trunnion | blade has polished edge |
| British Museum | 83 2-18 24 | chisel | Lusmagh Hoard | trunnion | fine edge |
| British Museum | 83 2-18 25 | chisel | Lusmagh Hoard | socketed |  |
| British Museum | 1998 9-1 331 | chisel (?) | Salisbury Hoard | straight | polished face. Possible chasing tool |
| British Museum | 1981.11-1.4 | drill bit | Runnymede |  |  |
| British Museum | 119-26 | Gouge |  |  |  |
| British Museum | 119-27 | Gouge |  |  |  |
| British Museum | 83 2-18 22 | gouge | Lusmagh Hoard |  |  |
| British Museum | 119-28 | Hammer |  |  |  |
| British Museum | 83 2-18 21 | hammer | Lusmagh Hoard | 4 |  |
| British Museum | 1998 1-1 224 | hammer | Salisbury Hoard | 1 | face is flattened |
| British Museum | 33 4.26 137 | hammer | Minster Hoard | 1a | heavily corroded |
| British Museum |  | hammer | Salisbury Hoard |  |  |
| British Museum | 2006 2-3 3 | hammer | Single fine Isle of Wight | 1 |  |
| British Museum | 2001 6.1 1 | hammer | Salisbury Hoard | 1 (face greatly modified) | has loop. Short side of face has corners removed to make an almost triangular face |
| British Museum | 1961 10.6 33 | hammer | Minnis Bay | 1 |  |
| British Museum | 52 G-26 88 | hammer | Thorndon Hoard | 1 | casting seams on interior opposite to that of exterior |
| British Museum | S1998.1237 / 1998 9-1 227 | hammer | Salisbury Hoard | 5 | fragment |
| British Museum | S1998.121.18 / 1998 9-1 226 | hammer | Salisbury Hoard | 1 | fragment. Has decoration similar to Taunton hammer. Off centre socket |
| British Museum | M 18-4 / 1998 9-1 225 | hammer | Salisbury Hoard | 4 |  |
| British Museum | 83.2-18.20 | hammer | Lusmagh Hoard | 4 |  |
| British Museum | P 1964 12-1 137 | hammer | Fourdan, France |  |  |
| British Museum | 1964 12-1 136 | hammer | Fourdan, France | 2 |  |
| British Museum | 1927 2-6 27 | hammer (?) | Swalecliffe Hoard | fragment without face or mouth |  |
| British Museum | S1998 121.86 / 1998 9.1 228 | hammer (?) | Salisbury Hoard | double faced tool with ring in middle |  |
| British Museum | 1922 2-6 19 | hammer (?) | Swalecliffe Hoard | fragment without face or mouth |  |
| British Museum | 83 2-18 26 | rivet snap (?) | Lusmagh Hoard |  | remains of wooden handle secured by 4 pins |
| British Museum | 83 2-18 12 | unidentified object | Dowris Hoard |  | resembles a shoehorn |
| Clifton Park Museum, Rotherham | 1918.7.9.4 | chisel | Kilnhurst | socketed |  |
| Clifton Park Museum, Rotherham | 1918.7.9.2 | hammer | Kilnhurst | 1 |  |
| Clifton Park Museum, Rotherham | 1918.7.9.3 | hammer | Kilnhurst | 5 |  |
| Clifton Park Museum, Rotherham | 1918.7.9.1 | palstave | Kilnhurst |  |  |
| Clifton Park Museum, Rotherham | 1918.7.9.5 | spear | Kilnhurst | side-looped |  |
| Clifton Park Museum, Rotherham | 1918.7.9.6 | spear | Kilnhurst | side-looped |  |
| Colchester | 02/115? | Chisel | Grays Thurrock Hoard | Coombs Type 1a |  |
| Colchester | 02/118 | Chisel | Grays Thurrock Hoard | Coombs Type 2d | or a bit of flat metal |
| Colchester | 02/117? | chisel (?) | Grays Thurrock Hoard |  | Blade fragment chisel or axe? |
| Colchester | 02/144 | Hammer | Grays Thurrock Hoard | fragment | fragment |
| Colchester | 02/143 | Hammer | Grays Thurrock Hoard | 3 | face sanded or filed in antiquity. Burred face. See notes |
| Colchester | 02/142 | Hammer | Grays Thurrock Hoard | 1 | corroded face. Flat face (planishing?) |
| Colchester | 151.94 | Hammer | Hatfield Broad Oak Hoard | 1 |  |
| Colchester | 02/UNK1 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/UNK2 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/UNK3 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/UNK5 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/227 | Ingot | Grays Thurrock Hoard |  | leaded bronze |
| Colchester | 02/229 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/230 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/233 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/232 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/234 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/235 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/236 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/237 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/238 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/239 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/240 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/241 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/242 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/243 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/244 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/245 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/246 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/247 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/248 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/249 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/251 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/252 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/254 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/255 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/256 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/257 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/258 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/259 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/260 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/261 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/262 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/263 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/264 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/265 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/266 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/267 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/268 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/269 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/270 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/271 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/272 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/273 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/274 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/275 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/276 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/277 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/278 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/280 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/281 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/282 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/283 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/284 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/285 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/286 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/287 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/288 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/289 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/290 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/291 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/295 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/296 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/297 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/298 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/299 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/UNK4 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/228 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/250 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/253 | Ingot | Grays Thurrock Hoard |  |  |
| Colchester | 02/220 | Ribbed Staple | Grays Thurrock Hoard |  |  |
| Inverness Museum |  | Anvil | Inshoch Wood Hoard | beaked |  |
| Inverness Museum |  | Hammer | Inshoch Wood Hoard | 1a |  |
| Inverness Museum |  | Spear | Inshoch Wood Hoard |  |  |
| Isle of Wight Arch. & Hist. Services | A:2002.26.1 | hammer | Kirkton Hoard | 1 |  |
| Isle of Wight Arch. & Hist. Services | A:2002.26.2 | socketed axe | Kirkton Hoard |  |  |
| Isle of Wight Arch. & Hist. Services | A:2002.26.5 | socketed axe | Kirkton Hoard |  |  |
| Isle of Wight Arch. & Hist. Services | A:2002.26.6 | socketed axe | Kirkton Hoard |  | Axe has matching flashing lines, poss. All from same mould |
| Isle of Wight Arch. & Hist. Services | A:2002.26.7 | socketed axe | Kirkton Hoard |  | Axe has matching flashing lines, poss. All from same mould |
| Isle of Wight Arch. & Hist. Services | A:2002.26.8 | socketed axe | Kirkton Hoard |  | Axe has matching flashing lines, poss. All from same mould |
| Isle of Wight Arch. & Hist. Services | A:2002.26.9 | socketed axe | Kirkton Hoard |  | Axe has matching flashing lines, poss. All from same mould |
| Isle of Wight Arch. & Hist. Services | A:2002.26.10 | socketed gouge | Kirkton Hoard |  |  |
| Isle of Wight Arch. & Hist. Services | A:2002.26.11 | socketed gouge | Kirkton Hoard |  |  |
| Isle of Wight Arch. & Hist. Services | A:2002.26.3 | socketed knife | Kirkton Hoard |  |  |
| Isle of Wight Arch. & Hist. Services | A:2002.26.4 | socketed knife | Kirkton Hoard |  |  |
| Northampton Museum | 119-39 | Bucket baseplate | Nortthampton Hoard |  |  |
| Northampton Museum | 119-44 | Casting jet | Nortthampton Hoard |  |  |
| Northampton Museum | 119-45 | Casting jet | Nortthampton Hoard |  | Twin feeder |
| Northampton Museum | 119-26 | Gouge | Nortthampton Hoard |  |  |
| Northampton Museum | 119-27 | Gouge | Nortthampton Hoard |  |  |
| Northampton Museum | 119-28 | Hammer | Nortthampton Hoard | 1 |  |
| Northampton Museum | 119-46 | Ingot | Nortthampton Hoard |  |  |
| Northampton Museum | 119-47 | Ingot | Nortthampton Hoard |  |  |
| Northampton Museum | 119-48 | Ingot | Nortthampton Hoard |  |  |
| Northampton Museum | 119-49 | Ingot | Nortthampton Hoard |  |  |
| Northampton Museum | 119-50 | Ingot | Nortthampton Hoard |  |  |
| Northampton Museum | 119-51 | Ingot | Nortthampton Hoard |  |  |
| Northampton Museum | 119-52 | Ingot | Nortthampton Hoard |  |  |
| Northampton Museum | 119-53 | Ingot | Nortthampton Hoard |  |  |
| Northampton Museum | 119-54 | Ingot | Nortthampton Hoard |  |  |
| Northampton Museum | 119-55 | Ingot | Nortthampton Hoard |  |  |
| Northampton Museum | 119-29 | Mortising Chisel | Nortthampton Hoard |  |  |
| Northampton Museum | 119-40 | Sheet metal | Nortthampton Hoard |  |  |
| Northampton Museum | 119-41 | Sheet metal | Nortthampton Hoard |  |  |
| Northampton Museum | 119-42 | Sheet metal | Nortthampton Hoard |  |  |
| Northampton Museum | 119-1 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-10 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-11 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-12 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-13 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-14 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-15 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-16 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-17 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-18 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-19 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-2 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-20 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-21 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-3 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-4 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-43 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-5 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-6 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-7 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-8 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-9 | Socketed Axe | Nortthampton Hoard |  |  |
| Northampton Museum | 119-22 | Socketed knife | Nortthampton Hoard |  |  |
| Northampton Museum | 119-23 | Socketed knife | Nortthampton Hoard |  |  |
| Northampton Museum | 119-24 | Socketed knife | Nortthampton Hoard |  |  |
| Northampton Museum | 119-25 | Socketed knife | Nortthampton Hoard |  |  |
| Northampton Museum | 119-34 | Spear | Nortthampton Hoard |  |  |
| Northampton Museum | 119-35 | Spear | Nortthampton Hoard |  |  |
| Northampton Museum | 119-36 | Spear | Nortthampton Hoard |  |  |
| Northampton Museum | 119-38 | Spear | Nortthampton Hoard |  |  |
| Northampton Museum | 119-30 | Sword | Nortthampton Hoard |  |  |
| Northampton Museum | 119-31 | Sword | Nortthampton Hoard |  |  |
| Northampton Museum | 119-32 | Sword | Nortthampton Hoard |  |  |
| Northampton Museum | 119-33 | Sword | Nortthampton Hoard |  |  |
| Norwich Castle Museum | 2011.308.3 | axe | Brampton Hoard |  |  |
| Norwich Castle Museum | 2011.308.2 | axe | Brampton Hoard | fragment |  |
| Norwich Castle Museum | 1993.198.1 (17) | axe | Cranwich Hoard |  | hoard aslo contains axe fragment, ingot fragment, knife fragment |
| Norwich Castle Museum | 2003.171.1-6 | axe | Hevingham Hoard | facetted |  |
| Norwich Castle Museum | 2003.171.1-6 | axe | Hevingham Hoard | blade fragment |  |
| Norwich Castle Museum | 2003.171.1-6 | axe | Hevingham Hoard | blade fragment |  |
| Norwich Castle Museum | 2003.171.1-6 | axe | Hevingham Hoard | mouth fragment |  |
| Norwich Castle Museum | 2003.171.1-6 | bronze mould for axe | Hevingham Hoard |  | does not match axes in hoard |
| Norwich Castle Museum | 2011.308.5 | casting jet | Brampton Hoard |  |  |
| Norwich Castle Museum | 2009.237.3 | chisel | West Acre Hoard | tanged |  |
| Norwich Castle Museum | 2011.308.4 | gouge | Brampton Hoard | fragment |  |
| Norwich Castle Museum | 1149.209 | hammer | Beachamwell | tanged | unusual hammer, heavily burred. Might also have been used as a stake |
| Norwich Castle Museum | 1984.1.5 | hammer | Bunwell Hoard | 1 |  |
| Norwich Castle Museum | 1993 198.1.1:A | hammer | Cranwich Hoard | 1 | mouth end missing. hoard aslo contains axe fragment, ingot fragment, knife fragment |
| Norwich Castle Museum | 1845.70.16 | hammer | Carleton Rode Hoard | 1a | hoard includes 6 socketed axes, 1 winged axe, 1 spear fragment, 3 socketed gouges, 2 socketed chisels, 1 tanged gouge, 1 mortising chisel, 8 ingots |
| Norwich Castle Museum | 2003.171.1-6 | hammer | Hevingham Hoard | 1 |  |
| Norwich Castle Museum | 1993 198.1 | ingot | Cranwich Hoard |  | hoard aslo contains axe fragment, ingot fragment, knife fragment |
| Norwich Castle Museum | 2003.171.1-6 | bronze mould for axe | Hevingham Hoard |  |  |
| Salisbury Museum | IC5A.13 | Bracelet | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.9 | Gouge | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.5 | Hammer | Donhead St. Mary's Hoard | 2 | working surface very corroded |
| Salisbury Museum | IC5A.19 | lump copper alloy | Donhead St. Mary's Hoard |  | roughly triangular, brown metal with green corrosion, some rust coloured accretion |
| Salisbury Museum | IC5A.20 | lump copper alloy | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.6 | Mould for socketed axe | Donhead St. Mary's Hoard |  | Half Mould. Pristine, dark grey metal. Little corrosion inside, clean outside. Raised lip around seam. |
| Salisbury Museum | IC5A.6 | Mould for socketed axe | Donhead St. Mary's Hoard |  | Half Mould. Pristine, dark grey metal. Little corrosion inside, clean outside. Raised lip around seam. |
| Salisbury Museum | IC5A.26 | piece copper alloy | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.3 | Socketed axe | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.4 | Socketed axe | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.8 | Socketed axe | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.7 | Whetstone | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.10 | Winged axe | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.11 | Winged axe | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.12 | Winged axe | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.16 | Winged axe | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.17 | Winged axe | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.18 | Winged axe | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.22 | Winged axe | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.23 | Winged axe | Donhead St. Mary's Hoard |  |  |
| Salisbury Museum | IC5A.14 | Wire | Donhead St. Mary's Hoard |  | 2 bundles of half round wire |
| Salisbury Museum | IC5A.15 | Wire | Donhead St. Mary's Hoard |  | Several pieces of Half round wire rolled in bundle. Fine striations on flat surface may indicate wire was drawn. Slight lip on either side. Very uniform in size, variations in measurement could be result of corrosion. |
| Southend Museum | 86 | Armlet | Vange Hoard |  |  |
| Southend Museum | 2 | Axe | Vange Hoard |  |  |
| Southend Museum | 4 | Axe | Vange Hoard |  |  |
| Southend Museum | 5 | Axe | Vange Hoard |  |  |
| Southend Museum | 7 | Axe | Vange Hoard |  |  |
| Southend Museum | 8 | Axe | Vange Hoard |  |  |
| Southend Museum | 9 | Axe | Vange Hoard |  |  |
| Southend Museum | 10 | Axe | Vange Hoard |  |  |
| Southend Museum | 11 | Axe | Vange Hoard |  |  |
| Southend Museum | 12 | Axe | Vange Hoard |  |  |
| Southend Museum | 13 | Axe | Vange Hoard |  |  |
| Southend Museum | 15 | Axe | Vange Hoard |  |  |
| Southend Museum | 16 | Axe | Vange Hoard |  |  |
| Southend Museum | 17 | Axe | Vange Hoard |  |  |
| Southend Museum | 18 | Axe | Vange Hoard |  |  |
| Southend Museum | 19 | Axe | Vange Hoard |  |  |
| Southend Museum | 20 | Axe | Vange Hoard |  |  |
| Southend Museum | 21 | Axe | Vange Hoard |  |  |
| Southend Museum | 22 | Axe | Vange Hoard |  |  |
| Southend Museum | 23 | Axe | Vange Hoard |  |  |
| Southend Museum | 24 | Axe | Vange Hoard |  |  |
| Southend Museum | 25 | Axe | Vange Hoard |  |  |
| Southend Museum | 26 | Axe | Vange Hoard |  |  |
| Southend Museum | 27 | Axe | Vange Hoard |  |  |
| Southend Museum | 28 | Axe | Vange Hoard |  |  |
| Southend Museum | 29 | Axe | Vange Hoard |  |  |
| Southend Museum | 30 | Axe | Vange Hoard |  |  |
| Southend Museum | 31 | Axe | Vange Hoard |  |  |
| Southend Museum | 32 | Axe | Vange Hoard |  |  |
| Southend Museum | 33 | Axe | Vange Hoard |  |  |
| Southend Museum | 34 | Axe | Vange Hoard |  |  |
| Southend Museum | 35 | Axe | Vange Hoard |  |  |
| Southend Museum | 36 | Axe | Vange Hoard |  |  |
| Southend Museum | 38 | Axe | Vange Hoard |  |  |
| Southend Museum | 39 | Axe | Vange Hoard |  |  |
| Southend Museum | 40 | Axe | Vange Hoard |  |  |
| Southend Museum | 41 | Axe | Vange Hoard |  |  |
| Southend Museum | 42 | Axe | Vange Hoard |  |  |
| Southend Museum | 43 | Axe | Vange Hoard |  |  |
| Southend Museum | 44 | Axe | Vange Hoard |  |  |
| Southend Museum | 45 | Axe | Vange Hoard |  |  |
| Southend Museum | 46 | Axe | Vange Hoard |  |  |
| Southend Museum | 47 | Axe | Vange Hoard |  |  |
| Southend Museum | 48 | Axe | Vange Hoard |  |  |
| Southend Museum | 49 | Axe | Vange Hoard |  |  |
| Southend Museum | 50 | Axe | Vange Hoard |  |  |
| Southend Museum | 51 | Axe | Vange Hoard |  |  |
| Southend Museum | 53 | Axe | Vange Hoard |  |  |
| Southend Museum | 55 | Axe | Vange Hoard |  |  |
| Southend Museum | 56 | Axe | Vange Hoard |  |  |
| Southend Museum | 57 | Axe | Vange Hoard |  |  |
| Southend Museum | 58 | Axe | Vange Hoard |  |  |
| Southend Museum | 59 | Axe | Vange Hoard |  |  |
| Southend Museum | 60 | Axe | Vange Hoard |  |  |
| Southend Museum | 61 | Axe | Vange Hoard |  |  |
| Southend Museum | 62 | Axe | Vange Hoard |  |  |
| Southend Museum | 65 | Axe | Vange Hoard |  |  |
| Southend Museum | 66 | Axe | Vange Hoard |  |  |
| Southend Museum | 68 | Axe | Vange Hoard |  |  |
| Southend Museum | 69 | Axe | Vange Hoard |  |  |
| Southend Museum | 69 | Axe | Vange Hoard |  | COLEM:C970013 |
| Southend Museum | 70 | Axe | Vange Hoard |  |  |
| Southend Museum | 73 | Axe | Vange Hoard |  |  |
| Southend Museum | 74 | Axe | Vange Hoard |  |  |
| Southend Museum | 96 | Axe | Vange Hoard |  |  |
| Southend Museum | 98 | Axe | Vange Hoard |  |  |
| Southend Museum | 99 | Axe | Vange Hoard |  |  |
| Southend Museum | 104 | Axe | Vange Hoard |  |  |
| Southend Museum | 122 | Axe | Vange Hoard |  | 153.76.2 |
| Southend Museum | 130 | Axe | Vange Hoard |  |  |
| Southend Museum | 113 | Casting jet | Vange Hoard |  |  |
| Southend Museum | 114 | Casting jet | Vange Hoard |  |  |
| Southend Museum | 115 | Chisel | Vange Hoard |  | Fragment |
| Southend Museum | 77 | Chisel? | Vange Hoard |  | Fragment could be small socketed axe |
| Southend Museum | 78 | Chisel? | Vange Hoard |  | Fragment |
| Southend Museum | 80 | Chisel? | Vange Hoard |  | Fragment |
| Southend Museum | 153.76 | Dagger | Vange Hoard |  |  |
| Southend Museum | 14 | Fragment | Vange Hoard |  |  |
| Southend Museum | 37 | Fragment | Vange Hoard |  |  |
| Southend Museum | 54 | Fragment | Vange Hoard |  |  |
| Southend Museum | 81 | Fragment | Vange Hoard |  |  |
| Southend Museum | 83 | Fragment | Vange Hoard |  |  |
| Southend Museum | 84 | Fragment | Vange Hoard |  |  |
| Southend Museum | 87 | Fragment | Vange Hoard |  |  |
| Southend Museum | 90 | Fragment | Vange Hoard |  |  |
| Southend Museum | 91 | Fragment | Vange Hoard |  |  |
| Southend Museum | 92 | Fragment | Vange Hoard |  |  |
| Southend Museum | 93 | Fragment | Vange Hoard |  |  |
| Southend Museum | 94 | Fragment | Vange Hoard |  |  |
| Southend Museum | 107 | Fragment | Vange Hoard |  |  |
| Southend Museum | 109 | Fragment | Vange Hoard |  |  |
| Southend Museum | 110 | Fragment | Vange Hoard |  |  |
| Southend Museum | 111 | Fragment | Vange Hoard |  |  |
| Southend Museum | 112 | Fragment | Vange Hoard |  |  |
| Southend Museum | 115 | Fragment | Vange Hoard |  |  |
| Southend Museum | 116 | Fragment | Vange Hoard |  |  |
| Southend Museum | 117 | Fragment | Vange Hoard |  |  |
| Southend Museum | 118 | Fragment | Vange Hoard |  |  |
| Southend Museum | 119 | Fragment | Vange Hoard |  |  |
| Southend Museum | COLEMC:970010 | Fragment | Vange Hoard |  |  |
| Southend Museum | 64 | Gouge | Vange Hoard |  |  |
| Southend Museum | 276.107 | Gouge with bracelet | Leigh II Hoard |  |  |
| Southend Museum | 276.55 | Hammer | Leigh II Hoard | 1a |  |
| Southend Museum | 72 | Hammer | Vange Hoard | 1 |  |
| Southend Museum | 276.56 | hammer face | Leigh II Hoard | 5 |  |
| Southend Museum | 79 | Ingot | Vange Hoard |  | COLEM:C970002 |
| Southend Museum | 95 | Ingot | Vange Hoard |  | Cat 73 |
| Southend Museum | 110 | Ingot | Vange Hoard |  |  |
| Southend Museum | 121 | Ingot | Vange Hoard |  | 153.76.1 |
| Southend Museum | 123 | Ingot | Vange Hoard |  | 153.76.3 |
| Southend Museum | 124 | Ingot | Vange Hoard |  | 153.76.4 |
| Southend Museum | 125 | Ingot | Vange Hoard |  | 153.76.5 |
| Southend Museum | 126 | Ingot | Vange Hoard |  | 153.76.6 |
| Southend Museum | 127 | Ingot | Vange Hoard |  | 153.76.7 |
| Southend Museum | 128 | Ingot | Vange Hoard |  | 153.76.8 [79] |
| Southend Museum | 129 | Ingot | Vange Hoard |  | 153.76.9 |
| Southend Museum | 131 | Ingot | Vange Hoard |  | 153.76.11 |
| Southend Museum | 132 | Ingot | Vange Hoard |  |  |
| Southend Museum | 133 | Ingot | Vange Hoard |  |  |
| Southend Museum | 134 | Ingot | Vange Hoard |  |  |
| Southend Museum | 135 | Ingot | Vange Hoard |  | 153.76.41 |
| Southend Museum | 136 | Ingot | Vange Hoard |  |  |
| Southend Museum | 137 | Ingot | Vange Hoard |  |  |
| Southend Museum | 138 | Ingot | Vange Hoard |  |  |
| Southend Museum | 139 | Ingot | Vange Hoard |  |  |
| Southend Museum | 140 | Ingot | Vange Hoard |  |  |
| Southend Museum | 141 | Ingot | Vange Hoard |  |  |
| Southend Museum | 142 | Ingot | Vange Hoard |  |  |
| Southend Museum | 143 | Ingot | Vange Hoard |  |  |
| Southend Museum | 144 | Ingot | Vange Hoard |  |  |
| Southend Museum | 145 | Ingot | Vange Hoard |  |  |
| Southend Museum | 146 | Ingot | Vange Hoard |  |  |
| Southend Museum | 147 | Ingot | Vange Hoard |  |  |
| Southend Museum | 148 | Ingot | Vange Hoard |  |  |
| Southend Museum | 149 | Ingot | Vange Hoard |  |  |
| Southend Museum | 150 | Ingot | Vange Hoard |  |  |
| Southend Museum | 151 | Ingot | Vange Hoard |  |  |
| Southend Museum | 152 | Ingot | Vange Hoard |  |  |
| Southend Museum | 153 | Ingot | Vange Hoard |  |  |
| Southend Museum | 154 | Ingot | Vange Hoard |  |  |
| Southend Museum | 155 | Ingot | Vange Hoard |  |  |
| Southend Museum | 156 | Ingot | Vange Hoard |  |  |
| Southend Museum | 157 | Ingot | Vange Hoard |  |  |
| Southend Museum | 158 | Ingot | Vange Hoard |  |  |
| Southend Museum | 159 | Ingot | Vange Hoard |  |  |
| Southend Museum | 160 | Ingot | Vange Hoard |  |  |
| Southend Museum | 161 | Ingot | Vange Hoard |  |  |
| Southend Museum | 162 | Ingot | Vange Hoard |  |  |
| Southend Museum | 163 | Ingot | Vange Hoard |  |  |
| Southend Museum | 164 | Ingot | Vange Hoard |  |  |
| Southend Museum | 165 | Ingot | Vange Hoard |  |  |
| Southend Museum | 166 | Ingot | Vange Hoard |  |  |
| Southend Museum | 167 | Ingot | Vange Hoard |  |  |
| Southend Museum | 168 | Ingot | Vange Hoard |  |  |
| Southend Museum | 169 | Ingot | Vange Hoard |  |  |
| Southend Museum | 170 | Ingot | Vange Hoard |  |  |
| Southend Museum | 171 | Ingot | Vange Hoard |  |  |
| Southend Museum | 172 | Ingot | Vange Hoard |  |  |
| Southend Museum | 173 | Ingot | Vange Hoard |  |  |
| Southend Museum |  | Ingot fragments | Vange Hoard |  | chose 15 at random |
| Southend Museum | 74 | Knife? | Vange Hoard |  |  |
| Southend Museum | 276.12 | Lump | Leigh II Hoard |  |  |
| Southend Museum | 120 | Sheet? | Vange Hoard |  |  |
| Southend Museum | 63 | Sickle | Vange Hoard |  |  |
| Southend Museum | 85 | Sickle | Vange Hoard |  |  |
| Southend Museum | 71 | Spear | Vange Hoard |  |  |
| Southend Museum | 87 | Spear | Vange Hoard |  |  |
| Southend Museum | 89 | Spear | Vange Hoard |  |  |
| Southend Museum | 75 | Sword | Vange Hoard |  | 153.76 |
| Southend Museum | 77 | Sword | Vange Hoard |  |  |
| Southend Museum | 88 | Sword | Vange Hoard |  |  |
| Southend Museum | 97 | Sword | Vange Hoard |  |  |
| Southend Museum | 100 | Sword | Vange Hoard |  |  |
| Southend Museum | 101 | Sword | Vange Hoard |  | COLEM:C970017 |
| Southend Museum | 102 | Sword | Vange Hoard |  |  |
| Southend Museum | 103 | Sword | Vange Hoard |  |  |
| Southend Museum | 105 | Sword | Vange Hoard |  |  |
| Southend Museum | 106 | Sword | Vange Hoard |  | COLEMC:970014 |
| Southend Museum | 108 | Sword | Vange Hoard |  | COLEMC: 970001 |
| Taunton Museum | 63/1994 | bronze mould |  | spear | Spear is asymetrical |
| Taunton Museum | 42 A | hammer | Taunton Workhouse Hoard | 1a |  |
| St. Edmundsbury Heritage Services | X22.1 | drawplate | Isleham Hoard |  | 8 holes |
| St. Edmundsbury Heritage Services | X22.2 | drawplate | Isleham Hoard |  | 7 holes |
| St. Edmundsbury Heritage Services | X22.3 | drawplate | Isleham Hoard |  | fragment with 1 hole |
| St. Edmundsbury Heritage Services | X20.1 | hammer | Isleham Hoard | 1a |  |
| St. Edmundsbury Heritage Services | X20.2 | hammer | Isleham Hoard | 1 (?) | fragment of face end of hammer, heavily used and burred |
| St. Edmundsbury Heritage Services | X20.3 | hammer | Isleham Hoard | 1 | fragment of face end of hammer, heavily used and burred |
| Weston Park Museum | J93.514 | Mould for socketed axe | Roseberry Topping Hoard |  | Two valves, excellent condition |
| Weston Park Museum | J93.515 | Socketed axe | Roseberry Topping Hoard |  |  |
| Weston Park Museum | J93.516 | Socketed axe | Roseberry Topping Hoard |  |  |
| Weston Park Museum | J93.517 | Socketed axe | Roseberry Topping Hoard |  | Fragment |
| Weston Park Museum | J93.518 | Hammer | Roseberry Topping Hoard | 3 |  |
| Weston Park Museum | J93.519 | Chisel | Roseberry Topping Hoard |  | Resembles spearpoint |
| Weston Park Museum | J93.520 | Gouge | Roseberry Topping Hoard |  |  |
| Weston Park Museum | J93.521 | Gouge | Roseberry Topping Hoard |  |  |
| Weston Park Museum | J93.522 | Sickle | Roseberry Topping Hoard |  | Entire, excellent condition |
| Wiltshire Heritage Museum Devizes | DZSWS 1984.126.1 | awl | Single find |  |  |
| Wiltshire Heritage Museum Devizes | STHEAD 171 | bone handle | Single find |  | bone handle for chisel STHEAD 167 |
| Wiltshire Heritage Museum Devizes | DZSWS 2001.26.2 | casting jet | Single find |  |  |
| Wiltshire Heritage Museum Devizes | STHEAD 312 | chisel | Single find | flat axe type |  |
| Wiltshire Heritage Museum Devizes | STHEAD 207 | chisel | Single find | flat axe type |  |
| Wiltshire Heritage Museum Devizes | BROOKE 321 | chisel | Single find | Coombs Type 4a |  |
| Wiltshire Heritage Museum Devizes | DZSWS 1984.51 | chisel | Single find | tanged, flared blade, Coombs Type c stop | coated in glassy corrosion |
| Wiltshire Heritage Museum Devizes | STHEAD 312a | chisel | Single find | flat axe type |  |
| Wiltshire Heritage Museum Devizes | DZSWS 2004.429 | chisel? | Single find | flat piece of metal |  |
| Wiltshire Heritage Museum Devizes | DZSWS:STHEAD 95 | chisel | Single find | flat axe type | blade for handle DZSWS:STHEAD 95 (also accessioned as 666) |
| Wiltshire Heritage Museum Devizes | DZSWS 167 | chisel | Single find | flat axe type |  |
| Wiltshire Heritage Museum Devizes | DZSWS 1009 | faceted awl | Single find |  |  |
| Wiltshire Heritage Museum Devizes | DZSWS 2004.256.14 | flint saw | Single find |  |  |
| Wiltshire Heritage Museum Devizes | DZSWS 1987.45.3 | gouge | West Kennet Longbarrow hoard |  |  |
| Wiltshire Heritage Museum Devizes | DZSWS 1987.45.2 | graver | West Kennet Longbarrow hoard |  |  |
| Wiltshire Heritage Museum Devizes | DZSWS 1983.71.1 | graver | Single find |  |  |
| Wiltshire Heritage Museum Devizes | DZSWS 1987.45.1 | hammer | West Kennet Longbarrow hoard | 1 |  |
| Wiltshire Heritage Museum Devizes | DZSWS:STHEAD 95a | handle | Single find |  | bone handle for chisel DZSWS:STHEAD 95 (also accessioned as 667) |
| Wiltshire Heritage Museum Devizes | DZSWS 1982.39 | punch | Single find |  |  |
| Winchester Museum Services | Arch 225 | chisel | Single find |  |  |
| Winchester Museum Services | 117.2 | chisel | Froxfield Barrow |  |  |
| Winchester Museum Services | 3162 | chisel/palstave |  |  |  |
| Winchester Museum Services | AY407.2 | hammer | Hambledon | 1 |  |
| Winchester Museum Services | 117.1 | knife | Froxfield Barrow |  |  |
| Winchester Museum Services | 117.3 | whetstone (?) | Froxfield Barrow |  | unlikely to be a whetstone. Most likely a fossil cast |
| Winchester Museum Services | 117.3 | whetstone (?) | Froxfield Barrow |  | unlikely to be a whetstone. Most likely a fossil cast |