

ANCIENT MONUMENTS LABORATORY

REPORT

1538

SERIES/No

CONSULTA NT

AUTHOR

F A Turk

TITLE

Identification of animal bones
from the 1970 Excavations ;
NOR NOUR, Isles of Scilly

2 / MAY 1971

- =====
- B.1. OX Frag. mandible with M2. Distal ep. of metacarpal in two parts, juvenile.
Frag. centrum (juv.) - Phalanx 3 - Bassioccipital frag.
SHEEP Right mandible (adult) - Distal frag. humerus (ad.) - Distal humerus (juv)
Frag. mandible (new born ?) - Frags. 8 dorsal and lumbar vertebrae - frag.
distal tibia - calcaneum.
SEAL Frag. dorsal vert. - head of rib - Palanx 1 - Frag. scapula - Phalanx 2 (ad.
Phalanx 2 (juv.) - Radius (n.b.) - frag. Ilium
DEER Frag. of a long bone cut in two longitudinally.
BIRDS Tibiotarsus of Blackgrouse.
- B.2. SHEEP Frag. distal ep. femur (juv.)
HORSE Frag. mandible with part of condyle - M1.
RED ? DEER Part of shaft of Tibia (cut in two)
- B.3. SHEEP Frag. horn core (ad.) - Frag. femur (juv.) - Frag. rib (?n.b.)
SEAL Distal fibula (ad.) - Frag. head of Ulna - Frags. heads of two ribs (juv.)
BIRDS Metacarpus and tibiotarsus Guillemot
Femur of Cormorant.
- B.4. OX Frag. distal Radius - Proximal radius - Pm2 - M3.
SHEEP Frag. distal femur - Prox. radius - Pm2 (u. and l.) M3. - Frag. scapula (juv.) -
Frag. sacral vert. -, 11th., 12th and 13th. dorsal vertebrae - Mandible (juv.)
SEAL Ulna (ad.) - prox. tibia (ad.) - femur (juv.) - Humerus (juv.) - Ulna (juv.)
Frag. distal humerus - Frag. basisphenoid and basioccipital.
Birds Species indeterm.
- B.5. OX Frag. mandible (ad.) - Frags. ribs.
MOLLUSC Oyster (Ostraea edulis)
- B.6. OX Ep. of Humerus (juv.)
SHEEP Scapula (ad.)
FISH Cod size vertebrae.
A second bag with this same number marked "House I/II entry at N. junction" contained:-
OX Frags. M2. and M3 both fired.
- B.7. OX Distal metatarsal (ad.) - Prox. tibia (ad.) - Prox. radius (ad.) - Prox. metacarpal
Frag. lumbar vert.
SHEEP Dorsal vert. - Distal humerus (ad.) - Calcaneum (l. and r.) - Talus (ad.) -
Frag. mandible - Frag. scapula (? n.b.) - Metacarpal (ad.) - Metatarsal (juv.) -
Three metacarpals (juv.) - Metacarpal (ad.)
SEAL Bulla (ad.) - Frag. lumbar vert. (ad.) - Tooth - Frag. ulna (juv.) - Phalanges.
BIRDS SP. indeterm.
FISH THAKE clavicle.
Mollusca Gibbula lineata
- B.8. OX Frag. scapula (ad.) - Frag. rib.
SHEEP Frag. calcaneum - Frag. metacarpal.
WHALE Frag. mandible with 5 teeth - Frag. vertebra - Frags. ribs. - Phalanx of the
Common Dolphin (Delphinus delphis)
- B.9. OX Calcaneum (immaturus) - Frag. distal metatarsal cut longitudinally - Frag.

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- B.9. (contd.) Frag. distal ep. radius (juv.)
 - SHEEP Talus (very worn) - Frag. lumbar vaert. - Metacarpal (juv.) - Calcaneum metatarsal (juv.) - Frag. distal radius (ad.) - Frag. distal tibia (ad.) - Prox. Radius (ad.) - Vertebral and rib frags.
 - SEAL Femur (ad.) - Bulla (ad.) - Prox. frag. mandible (ad.) - Distal frag. mandible (juv.) - Frag. tibia (juv.) - Frag. Ulna - Prox. Frag. rib. Canine
 - BIRDS Metacarpus - Tibiotarsus and radio-ulna of Razorbill
 - FISH Cod-size vert.
 - MOLLUSCA Gibbula lineata

- B.10 OX. Distal frag. humerus (juv.) - M1(u.) M2 and M3 (l.) juv. - Scapho-cuboid (ad.) - Frag. distal ep. humerus (ad.)
 - SHEEP Metacarpal (?n.b.) - Dorsal vert. (juv.) - Frag. scapula (juv.) - Rib (juv)
 - HORSE Pm2 (l.)
 - SEAL Frag. femur (juv.) - Frag. mandible (ad.) - Phalanx - Frag. Ulna (juv.) - Rib (juv.)
 - DEER Frag. shaft long bone.
 - BIRDS Frag. skull of Guillemot
 - FISH Vertebrae under current study.
 - MOLLUSCA Great Scallop (Pecten maximus)

- B.11. SHEEP Sundry small frags. bone prob. this species.
 - BIRDS Humerus of Razorbill

- B.12. SEAL Phalanx 1 of Carpus.

- B.13. OX Frag. distal humerus (ad.)
 - SHEEP Frag. head of Memur (?n.b.)

- B.14. SHEEP Indeterm. frags. prob. os innominatum all burned
 - SEAL Frag. of long bone calcined.

- B.15. OX Distal humerus (ad.)
 - SHEEP Distal humerus (ad.) - Talus (juv.) - Pm2.M1. and M3. - Frag. distal radius (ad.) - Frag. prox. radius (ad.) - metatarsal - Phalanges.
 - GOAT Frag. distal humerus
 - HORSE Prox. frag. 7th. rib adult. - M1 (u.)
 - PIG Nuchal crest and squamous part of occipital (?ad.) - Abaxial metacarpal
 - SEAL Temporal with glenoid cavity (ad.) - Rib (ad.) - Frag. distal fibula - Frags. condyles. - Frag. rib (ad.) - Lumbar vert. (juv.)
 - FISH Sundry medium sized vertebrae
 - BIRDS Sp. indeterm. retained for study.

B.16. No bag with this number. Perhaps one of the two marked B.6. is this?

- B.17. SEAL Frag. humerus - ep. (juv.) - Frags. vertebrae.

- B.18. OX M1 (ad.)

B.19. Bird bones. All too fragmented to identify.

- B.20. SHEEP Frag. calcaneum (juv.) - Frags. lumbar vertebrae (ad.)
 - SEAL Phalanx (juv.)

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- B.21. OX Frag. M2 u.ad.
SHEEP Frag. dorsal vert.
- B.22. OX Prox.frag. metacarpal
SEAL Frag.mandible with teeth - Frag. radius - Frag. rib-sp (juv.)
- B.23. OX Talus (juv. very young) - Rib fragments (ad.)
SHEEP Mandible (ad.) - Frag.metacarpal- sp.(juv.)
HORSE M2.
SEAL Frag.squamous temporal with glenoid cavity (ad.) - Other small frags.skull.
FISH Conger: vert. - Five vert. Cod size.
MOLLUSC Oyster (Ostraea edulis)
- B.24 SHEEP Frag.distal metacarpal (juv.)
HORSE Frags. left maxilla plus Pm3.Pm4.M1 and M2.(ad) - Frag.rib.
Mollusca Frag.Limpet (Patella sp.)
- B.25. SHEEP Frag.metacarpal (juv.)
BIRD Distal frag.of humerus of Blackgrouse (Lyra tetrix)
- B.26. SEAL Phalanx 2 (juv.)
BIRD Carpo-metacarpus etc. of Guillemot
FISH Coracoid of Gadoid.
- B.27 SHEEP Lumbar vertebrae. - Frag.parietal
SEAL Three phalanges - Radius - Part of exoccipital with condyles.
BIRDS Skull and metatarsus of Razorbill (Alca torda) - Post.frag. of skull and ~~metatarsi~~ metatarsi of Shearwater (Puffinus sp.)
FISH Cod size vertebrae and one larger!
- B.28 OX Talus (ad.) - Head of femur (ad) - Lateral and mesial condyles of femur broken (7juv.) - Prox.shaft ~~femur~~ tibia + M1. - Half distal condyle of metatarsal - Prox.condyle phalanx 1 - Phalanx 2 + Phalanx 3.
BIRD Several bones of Razorbill (Alca torda)
- B.29 SHEEP M2 and M3. - Frag.lower Pm.(ad.) - Frag.mandible with Pm3. (All fired)
- B.30. SHEEP Frag.mandible (juv.) - Frag.maxilla (? ad.)
SEAL Frag.cervical vertebra
Mollusc Limpet (Patella vulgata)
- B.31. OX Pm2. M3 and Phalanx 1 (all ad.)
SHEEP Humerus (ad) 4th.cerv.vert.(ad) - 7th.dorsal vert. (ad.) - 1st.lumbar vert. (ad.) - Distal epiphyses of r.andl. femora (juv.) - Frag. prox. ulna - Frag. os innominatum - Frag. scapula
SEAL Frag. mandible (juv.) - Two post-canine teeth.
BIRDS Frags. sps. indeterm.
- B.32 OX. Prox.radius (ad.)
SHEEP Humerus (ad.) - right mandible frag. (ad.) - Frag. left mandible (ad.)
Frag. metatarsal (ad.) - Frag. humerus - Frag. calcaneum (juv.) - Frag. humerus (ad.) - Frag. metacarpal (juv.) - Frag. scapula - Frag. left mandible (ad.) - Frag. metacarpal (juv.) - another metacarpal (ad.) -

B32 (contd.) SHEEP (contd.) 6th.cervical vert. - Frag.metacarpal (juv.) - Phalanx 1 fragment horn core, split down the middle - Right and left distal radius 7 var. lower pre-molars and molars - Distal metacarpal (ad.)

SEAL Frag. phalanx.

DEER Three fragments of antlers of Red Deer

FISH Var.vertebrae sp.indeterm. but currently being studied.

B33. SEAL Bulla and frags. of surrounding bones - frag. maxilla (ad.) - Ulna - Scapula - ep. (juv.) - Mandible (juv.) -,Frag. radius.

B34. SHEEP Frag.dorsal vert.(juv.) - Frag. metapodial (juv.)

B35. SHEEP Frag.maxilla with M1 and M2. (ad.) + Rib (?n.b.) - Pm2.

SEAL Shaft of long bone, ?radius (?worked)

~~FISH Vert. Conger - Vert. snail - Vert. flat fish - Mand. current study~~

~~Mollusca Cypraea moneta var major and Gibbula limbata~~

FISH Teeth of Wrasse

Mollusca Thirty six limpets and a strand shell (Littorina littoralis)

B.36. OX. Frags. maxilla (?juv) - Trapezoid - Prox.fragments tibia (ad) - ~~Femur (ad) /~~ Pm2. - Var. frags.vertebrae.

SHEEP Femur (ad.) - Lumbar vert. - Talus (ad.) - Calcaneum (ad.) - Frag.head femur - M1-3 (ad.) - Shift humerus (juv.) - Metacarpus (juv.) - Lumbar vert.(juv.) - Frga.lumbar(jjuv.)

SEAL Scapho-lunare (ad.) - Heads of two ribs.

FISH Vert. Hake (?) - Vert. ?Turbot - other vert.

Mollusc Limpet (Patella vulgata)

B.37. OX Frag. rib

SEAL Calcaneum

FISH Dentary bone of Ling

BIRDS Frag. occipital part of skull of Cormorant - Frag.skull ?Raven

B.38 Pottery Only

B.39 OX Frags. much decayed bone presumably vert.of this species.

SHEEP Frag.distal tibia (ad.) Frag.metatarsal (ad.) - Frag.metatarsal (n.b.) - Frag.metatarsal (ad.)

B.40 SHEEP Frag.scapula-ep.(juv.) - Prox.ep.tibia (juv.)

SEAL Frag.axis vert.(ad.) - Frag.maxilla (ad.) - frag.mandible (ad.) - Part of temporal bone - Phalanx 1 - Teeth.

BIRD Frags. of sp.indeterm.

Mollusca Twelve Limpets.

B.41 OX Frag.M2. Frag.M3.

SHEEP Distal tibia (ad.) - Frag.femur - frag.talus (juv.)

SEAL Frag.phalanx 1

BIRD Frags.var.bones sp.indeterm.

B.42. OX. Prox.ep.metatarsus (juv.) - Frag.frontal - Talus (juv.) - Frag.of innominate with cotyloid cavity (juv.) - M2.(ad.)

SHEEP Frag.innominate - Distal humerus (ad.) - Prox.radius - Frag.shaft of femur - ep. (n.b.) - metatarsal-ep. (juv.) - Frag.dorsal vert. - Frag.5th.cerv. vert. - M2.(ad.) - Talus (ad.)

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- B.42. SEAL Frag.rib. - Prox.frag.radius-ep (juv.) - pt.sacrum (juv.)
frag.fibula (juv.) - prox.frag.fibula (juv.) - frag.rib.
BIRDS Bones sp.indeterminate retained for study.
- B.43. OX Pm.1.
SHEEP M.2. Frag.prox.radius.
SEAL Frag.temporal - Frag.cerv.vert.
BIRD Tarso-metatarsus GANNET
- B.44. OX M2.(ad.)
SHEEP Sundry small calcined indeterminate sp. presumably this species.
- B.45. OX Phalanx 2 (juv.)
SHEEP Frag.mandible (juv.) - Frag.scapula (juv.) - M3.
FISH Vert.Conger
- B.46. SHEEP Talus (ad.) - Talus (ad.sep.individ.) - Frag.distal humerus-ep. (juv.)
Frag.mandible (juv.) - Frag.femur (n.b.) - M1 (ad.) - Phalanges 1 and
2 (juv.)
SEAL Frag.mandible (juv.) - Frag.dorsal vert. (juv.) - Frag.bulla (juv.) -
Phalanx1 (juv.)
- B.47. OX Frag.distal ep.humerus (ad.) burned. - unciform (ad.)
SHEEP Mandible(ad.) - Os innominatum (ad.) - Frag.radius (juv.) - Frag.tibia
(juv.) - Frag.metatarsal (n.b.) - Frag.ulna (juv.) - Radius (juv.)
- B.48. OX Talus
SHEEP Frag.distal tibia (juvenile worked) - Frag.radius (ad.) - Frag.metacarpal
-ep. (juv?) - Frag.radius (worked to awl) - Frag.calcaneum (n.b.) - Frag.
mandible (juv.) - Frag.rib (juv.) - Pm 1-3.
SEAL Two bullae (ad.) - Frag.maxilla - Ilium (juv.) - Ilium (ad.) - frag.vert.
frag.rib.
FISH Frag.dentary of large species.
Mollusca Great Scallop (Pecten maximus)
- B.49. OX Very small burnt frags. believed scapula of this species.
- B.50. OX Frag.scapula (juv.) - Pm.3 M1 and M2. - Phalanx1 - Frag.mandible.
SHEEP Frag.mandible with Pm.1-3 (ad.) - Frag.scapula - Radius-ep (juv.) - Frags.
humeri (juv.) - Rib (juv.) - Frag.radius (juv.)
SEAL Dorsal vert. - Frag.ulna (juv.) - Frag.maxilla - Phalanges.
BIRDS Bones of sp.indeterm. (retained for study)
FISH Vertebrae Conger.
Mollusc Limpet (Patella vulgaris)
- B.51. OX Pm.1 - Frag.distal humerus(juv.)
SHEEP Incisor - Femur-ep.(juv.) - Tibia-ep. (juv.) - Phalanx1 (ad?) - Frag.
prox. femur-ep.(juv.) - Frag.metacarpal (n.b.) - Frag scapula (n.b.) -
5th,cerv. and lumbar vert. (juv.) - Frag.prox.ulna
SEAL Phalanx - part of shaft of long bone hardened in fire;probably this species.
BIRDS Ulna, head of humerus and tarso-metatarsus of White Stork (Ciconia alba)
- B.52. OX M1-3 (ad.) - Half distal end of metapodial split in middle - Distal
condyle femur (juv.)

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- B.52 (contd.) SHEEP Frag. distal femur (ad.) - Head of femur - Distal fragment of scapula - Frags. of right and left ulna - Talus (juv.)
SEAL Shaft of radius (worked?)
FISH Vert. Conger . Other vertebrae including a medium sized flat-fish.
MOLLUSCA Cepea nemoralis var. major - Gibbula lineata.
- B.53 SHEEP Frag. distal ulna (juv.) - frag. prox. tibia-ep (juv.) - Radius-ep. (juv.)
MOLLUSCA Great Scallop
- B.54 OX Frag. head of Ulna - Frag. Rib. - Phalangeal - Large cuneiform (ad.)
SHEEP Frag. sacrum (ad.) - frag. rib - frag. distal tibia - frag. sacral vert. frag. metatarsus (juv.) - frag. rib.
SEAL Frag. Ilium - cervical vert. (juv.) - frags. ribs.
- B.55. SHEEP Frags. ribs (ad.)
- B.56 OX Frags. ribs. (ad.) - frag. distal tibia (ad.)
SHEEP frag. mandible
SEAL Phalanx 1 (juv.)
BIRD Frag. very large humerus (White Stork)
- B.57. OX Frag. prox. radius
SHEEP Metacarpal - Humerus-ep. (juv.) - Frag. scapula - Frags. 2 lumbar vert. (ad.) frag. scapula (ad.) - talus (ad.) - calcaneum (ad.)
SEAL Phalanx 1 - frag. transverse process dorsal vert. (ad.)
FISH Vert. of Conger - Vert. of flatfish (Turbot)
MOLLUSCA Pecten maximus - Gibbula lineata
- B.58. OX Prox. ep radius (juv.)
SHEEP Phalanx 2 (ad.) - Half horn core - Pm. 1-2 - Scapula (n.b.) - Distal humerus (n.b.) - Rib. * DEER frag. red deer antler
BIRD Var. bones sp. indetermin. (under study) * *Perched bone disc made from sheep's scapula.*
- B.59. OX Frag. squamosal with glenoid cavity - Scapho-cuboid (ad.)
SHEEP Frag. scapula (ad.) - Part sacrum - frag. rib (n.b.) - frag. of malar bone with orbital rim.
SEAL Frag. ulna (split and fired) - frag. head of rib.
BIRD Skull of Shearwater - skull of Razorbill
- B.60 SHEEP MR. (ad.)
SEAL Cervical vert.
- B.61 OX Frag. cervical vert.
SHEEP Metacarpal-ep. (juv.)
- B.62. OX Lateral distal condyle metacarpal
SEAL Scapula (ad.)
DEER Shaft of long bone believed Red Deer.
- B.63. SHEEP Frag. ulna (juv.) - frag. vert. (juv.)
- B.64. OX Frag. rib.
SHEEP Frag. of mandible with M1-2. - Frag. rib (n.b.)
- B.65. SHEEP Phalanx 1 (ad.)
DEER PROx frag. metacarpal.

B.66. SHEEP Frag.tibia-ep (juv.) - Frag.distal humerus (ad.) - Frag.metacarpal (juv.)
Distal tibia-ep.(juv.) - distal frag.metatarsal (ad.) - frag.humerus
(n.b.)

??GOAT Frag. Ilium.

PIG Phalanx2-ep. (?juv.)

SEAL Frag.rib. - Phalanges.

BIRDS Various bones under study

FISH Unique vertebra under study

B.67. Pottery only

B.68. SHEEP Frag.maxilla with Pm3 and M1-3 (ad.) - Distal frag.ulna (n.b.) - Prox.
ep.tibia (burned)

BIRD Part of large Ischium sp.indet, rmin.

B.69. OX. Frag. frontal (ad.) - Frag.dorsal vert.

SHEEP Metatarsal (ad.) - metatarsal-ep.(juv.) - frag.scapula (juv.) - 4th.cervic
vert.(juv.)

SEAL Frag. mandible with canines and 3 post-canine teeth (juv.)

BIRD. Part of furcula of small sp. (under study)

B.70. OX. M3.

SHEEP Metacarpal-ep. (juv.) - metatarsal-ep.(juv.) - Frag.mandible (juv.) with
Pm1 erupting and Pm.2.

B.71. SHEEP Calcaneum (ad.) (plus many fragments of burnt bones of indeterm.sps.)

B.72. SEAL Frag.left maxilla (ad.) - Lower canine (ad.) - Frag.radius (ad.)

B.73. OX Frag.squamous temporal (ad.) - Frag.distal epiphysis humerus (ad.)

SHEEP Frag.humerus-ep (?n.b.)

BIRDS Var.bones under study.

B.74. OX. Pm.1, Pm.3. M.1.(frag.) (all ad.)

B.75. OX Frag.lumbar vert. (ad.)

SHEEP Frag.humerus-ep. (juv.)

SEAL Phalanx (ad.)

B.76. OX. M3. (ad.)

SHEEP frag.humerus-ep. (juv.) - rib (juv.) - frag.radius-ep.(juv.)

SEAL Frag.axis vert. (ad.) - Canine

B.77. OX frag.rib (ad.) - frags.vertebrae - frag.ulna (ad.)

diagnosis

?? GOAT Frags. of right and left mandibles. (Not enough remains to make certain

Birds Bones retained for study)

B.78. OX Frag. rib.

SHEEP Tibia-ep (juv.) - Pm3 and M1 (juv.) - M1(ad.)

SEAL Phalanx 1.

WHALE Frag.centrum of dorsal vert. ??? Dolphin.

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NB. Abbreviations: -ad. = adult, juv = juvenile. n.b. = newly born or nearly newly born.

frag = fragment. ep. = epiphysis
prox = proximal. dist = distal.

Many "Sheep" remains are really a Sheep/Goat mix but quite a number of larger bones have been positively identified as Sheep & No. 600.