

MA 84/85
Path

II 192

Cattle

M₃

Left.



presumably
wear from elongated distal cusp
of M₃



MA 84/85 Protodyn.

Cattle

M₃

100

Ph IV

RB

left

wear stage f



1:1 lingual

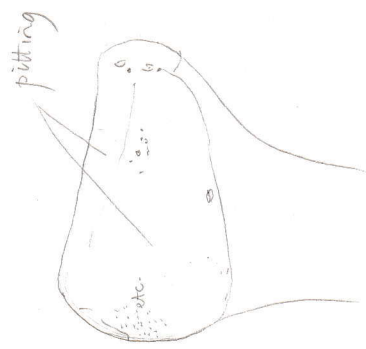
buccal wear

a developmental irregularity (hypoplasia)

of the crown of the tooth,
apparently continuing for some time
(affecting mm of the crown)

sep.

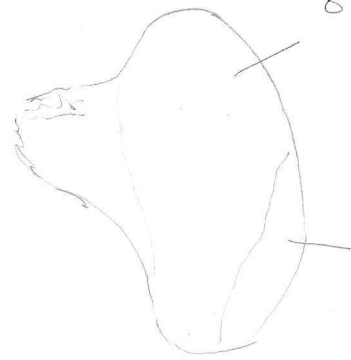
PA 84/85 II 177 Cattle Mandible.
Path



The articular surface of
the condyle is pitted
and irregular

(They often are irregular,
but this one is
particularly so

Path. PA 84/85 Cattle Mandible.
92 II Condyle, right.



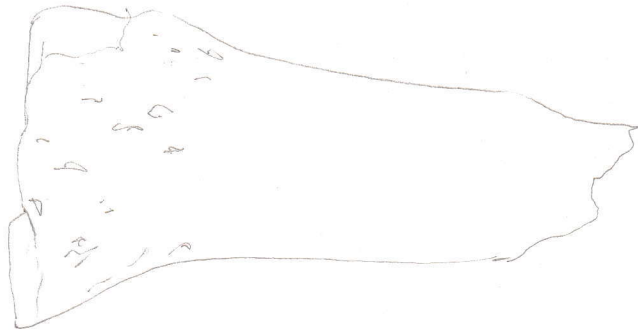
Articular surface pitted,
and irregular

1:1 from above.

MA 84/85 177
Path II

Cattle
Metatarsal

right, proximal.



degeneration of proximal
joint facets and
extra periosteal bone
around the proximal 30 mm
of the bone.

age / stress

Path. MA 84/85 Cattle Metacarpal
right.

(139) Ph II



anterior
sketch
1:1

There are areas of
irregularity on
proximal medial facet,
(? developmental but
resulting in stress
on the joint), with
extra bone growth
around the proximal
end of the bone.

NA 84/85

II (177)

Cattle Metatarsals.

Path.

1.

left.



proximal
medial articular facet
degenerate, with 'spongy'
surface.

A small bone, Bp 38.2

1:1 proximal view

? cow used for draught.



2.

right

Both main proximal facets
degenerate, with extensive
exostoses around the
proximal end of the bone.

a possible pair with 1.

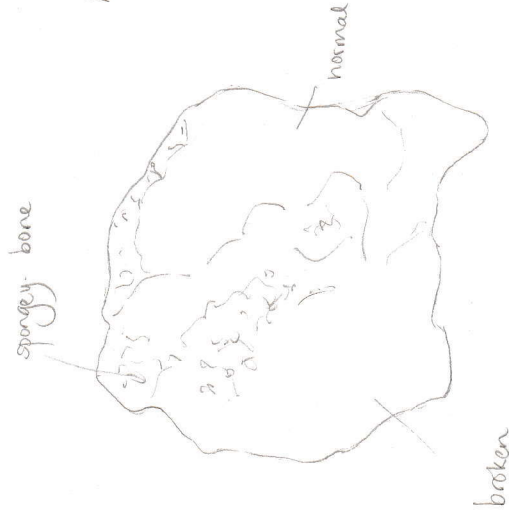
NA 84/85 Path.

Cattle

Metatarsal

PA II 145

left, proximal end.



spongy bone

Most of the proximal
articulation has degenerated,
leaving spongy-textured
bone, with exostoses
around the joint.

normal

broken

prox 1:1 sketch

inflammatory or
stress-related.

MA 84/85
Path

II 192

Cattle Metatarsal

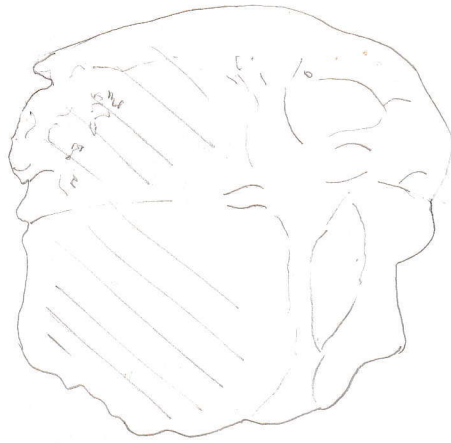
MA 84/85
Path

Cattle
II 288

Centrotarsal



Both main proximal
articular facets
irregular, but no
exostosis around joint.



Both main distal
articular facets
degenerate and irregular.

1:1 ventral view

MA 84/85
Path

Ph II
149

Cattle
2nd phalanx.



osteoarthritis; destruction
of distal
peripheral articulation
with grooving and pitting
and surrounding
exostoses.

MA 84/85
Path II

Cattle

Metatarsal

right, prox, lateral fragment.

fusion of metatarsal^{and} basal 2+3
to the proximal metatarsal

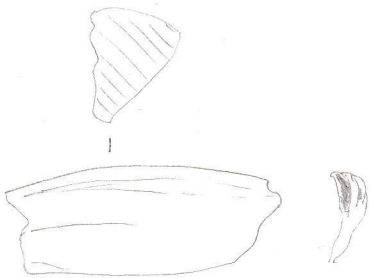
Spavin - usually occurs in
horses, 'it occurred in
the oxen (Wamberg 1968),
draught cattle and camels
(Wells 1966). BJB 1980

Path
TIA 84/85

II 177

Sheep/goat.

M³



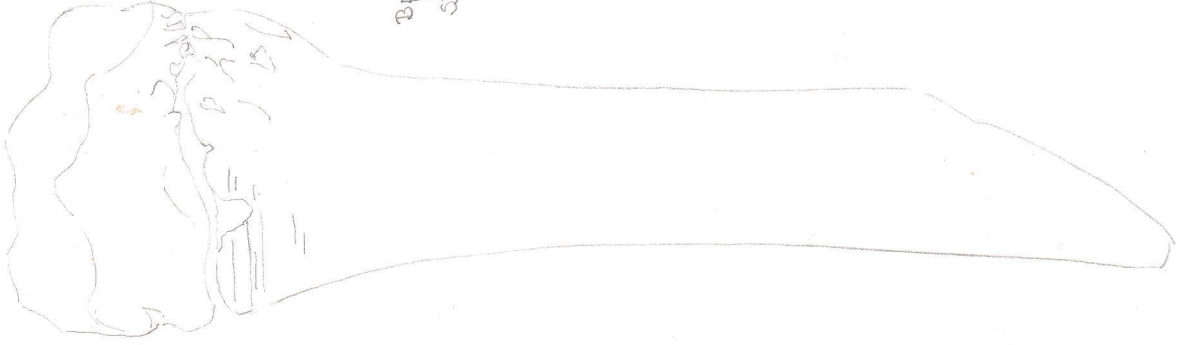
Anomalous form of upper
third molar, triangular in
section with the posterior
infundibulum ^{much} reduced in
size.

Path MA 84/85 I 1A Cattle

1454

Metatarsal & Centrotarsal

Left.



(not fused)

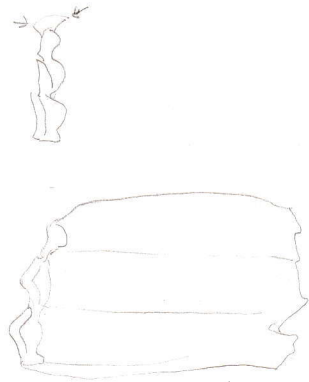
Some degeneration of the
outer ends of the
articular surfaces on both the
distal centrotarsal and
proximal metatarsal, plus
exostosis around the joint.

Bp 39.6
SD 20.4 - slender.

Path. 109 IV Sh/gt Lower third molars

= anomaly

Left.



buccal view 1:1

An unusually large posterior cusp, ~~coming to~~ the upper part of the cusp forming two folds posteriorly (on the lingual and buccal corners).

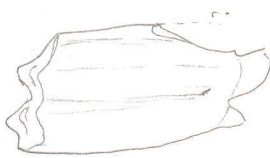
Path.

MA84/85
112 IV

Sheep/goat

M3
left.

reduced posterior cusp.



MA
Path.

II Room 4 1290

Pig Third Molar

M₃



lingual view

lingual view small

'dot' depressions in the enamel; several along a line half-way up the crown, others near the crown tip.

developmental

Path.

MA 84/85

79 IV

Pig



Mandible.

Right

P₃b, P₄b, M₁c
WA 10.1

There is pitting in the enamel surface of P₃ and P₄, on the upper half of the crown, both lingually and buccally.

A developmental anomaly.

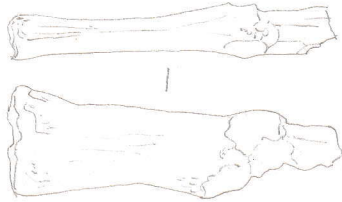
M₁ normal.

Path
MA 84/85

1190 Th II

Pig fibula
unfused.

— immature end of bone



thickening of shaft

? fracture or inflammation due
to infection.

1:1

Path MA 84/85 1193 Th II

Pig ulna



lateral 1:1

gross enlargement of the
proximal shaft of the ulna,
with an abscess drain
hole

articulation normal

MA 84/85

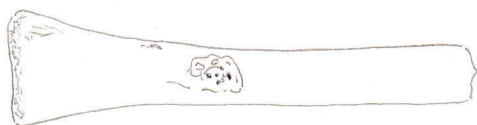
II R3

340

Pig

fibula

immature



exostosis on shaft 10x7mm